

Shorthand notation attributes - font

Font is an all-in-one property for specifying a nearly complete set of font-related traits, namely:

- font-family
- font-size
- font-weight
- font-style
- font-variant
- line-height
- font-size-adjust
- font-stretch

Once applied, the shorthand sets **all** these values to their default values. Be careful: silently overriding line-height or font-size-adjust by this property can easily give rise to confusion.

In what follows, we test several examples of font values and see their interaction with inherited font traits. The block of text that containing attributes being tested is marked by a light gray background. The expected trait values for the text are listed on the left.

It is still unclear whether specifying normal trait values inside the shorthand make sense. We have included some tests on this; however, implementations that don't support them can hardly be blamed for that.

font-family: **Helvetica**

font-size: **12 pt**

font-weight: **normal**

font-style: **normal**

font-variant: **normal**

line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12pt", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "12pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "12pt Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
 font-size: **11 pt**
 font-weight: **bold**
 font-style: **normal**
 font-variant: **normal**
 line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "bold 11pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "bold 11pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
 font-size: **11 pt**
 font-weight: **normal**
 font-style: **italic**
 font-variant: **normal**
 line-height: **1.5**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "italic 11pt/1.5 Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "italic 11pt/1.5 Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
font-size: **11 pt**
font-weight: **normal**
font-style: **italic**
font-variant: **small-caps**
line-height: **9pt**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS 11PT/9PT TIMES". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS 11PT/9PT TIMES". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

The surrounding text continues, with the same traits as above the test box.

font-family: **Courier**
font-size: **13 pt**
font-weight: **bold**
font-style: **italic**
font-variant: **normal**
line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "bold italic 13pt Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "bold italic 13pt Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Helvetica**
 font-size: **10 pt**
 font-weight: **normal**
 font-style: **italic**
 font-variant: **small-caps**
 line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

THIS IS A TEST BOX. THE FONT IS SET TO "ITALIC SMALL-CAPS 10PT HELVETICA". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

THIS IS A TEST BOX. THE FONT IS SET TO "ITALIC SMALL-CAPS 10PT HELVETICA". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
 font-size: **10 pt**
 font-weight: **normal**
 font-style: **oblique**
 font-variant: **small-caps**
 line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS OBLIQUE 10PT TIMES". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS OBLIQUE 10PT TIMES". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

The surrounding text continues, with the same traits as above the test box.

font-family: **Courier**

font-size: **9 pt**

font-weight: **700**

font-style: **italic**

font-variant: **normal**

line-height: **2**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "normal italic 700 9pt/2 Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal italic 700 9pt/2 Courier". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
 font-size: **11 pt**
 font-weight: **bold**
 font-style: **normal**
 font-variant: **normal**
 line-height: **150%**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "normal bold normal 11pt/150% Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal bold normal 11pt/150% Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
 font-size: **9 pt**
 font-weight: **normal**
 font-style: **normal**
 font-variant: **normal**
 line-height: **18pt**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "normal normal normal 9pt/18pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal normal normal 9pt/18pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Helvetica**
font-size: **10 pt**
font-weight: **normal**
font-style: **normal**
font-variant: **normal**
line-height: **1.5em**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "normal normal 10pt/1.5em Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal normal 10pt/1.5em Helvetica". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Times**
font-size: **16 pt**
font-weight: **normal**
font-style: **normal**
font-variant: **normal**
line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

This is a test box. The font is set to "normal 16pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

This is a test box. The font is set to "normal 16pt Times". The surrounding text should have no impact on the look of the font. The expected values for single traits are given in the list on the left.

The surrounding text continues, with the same traits as above the test box.

font-family: **Courier**
 font-size: **12 pt**
 font-weight: **bold**
 font-style: **italic**
 font-variant: **small-caps**
 line-height: **normal**

THIS IS A SURROUNDING TEXT. ITS TRAITS ARE AS FOLLOWS: FONT-FAMILY="TIMES", FONT-SIZE="12PT", FONT-SIZE-ADJUST="0.3", FONT-WEIGHT="BOLD", FONT-STYLE="ITALIC, FONT-STRETCH="CONDENSED", FONT-VARIANT="SMALL-CAPS", LINE-HEIGHT="1". NONE OF THESE PROPERTIES SHOULD LEAK INTO THE TEST BOX.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS ITALIC BOLD 12PT/NORMAL COURIER". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

THE SURROUNDING TEXT CONTINUES, WITH THE SAME TRAITS AS ABOVE THE TEST BOX.

This is a surrounding text. Its traits are as follows: font-family="Courier", font-size="8pt", font-size-adjust="none", font-weight="normal", font-style="oblique, font-stretch="expanded", font-variant="normal", line-height="1.8". None of these properties should leak into the test box.

THIS IS A TEST BOX. THE FONT IS SET TO "SMALL-CAPS ITALIC BOLD 12PT/NORMAL COURIER". THE SURROUNDING TEXT SHOULD HAVE NO IMPACT ON THE LOOK OF THE FONT. THE EXPECTED VALUES FOR SINGLE TRAITS ARE GIVEN IN THE LIST ON THE LEFT.

The surrounding text continues, with the same traits as above the test box.