#### [color](color.docx) (Run Content Color)

This element specifies the [color](color.docx) which shall be used to display the contents of this run in the document.

This [color](color.docx) may be explicitly specified, or set to allow the consumer to automatically choose an appropriate [color](color.docx) based on the [background](background.docx) [color](color.docx) behind the run's content.

If this element is not present, the default value is to leave the formatting applied at previous level in the style hierarchy. If this element is never applied in the style hierarchy, then the characters are set to allow the consumer to automatically choose an appropriate [color](color.docx) based on the [background](background.docx) [color](color.docx) behind the run's content.

[Example: Consider a run of text which should be displayed using the accent3 theme [color](color.docx) from the document’s Theme part. This requirement would be specified as follows in the resulting WordprocessingML:

<w:[rPr](rPr.docx)>

 <w:[color](color.docx) w:themeColor=”accent3” />

</w:[rPr](rPr.docx)>

The [color](color.docx) attribute specifies that the run shall use the accent3 theme color. end example]

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| Parent Elements |
| [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§); [rPr](rPr.docx) (§) |

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| Attributes | Description |
| themeColor (Run Content Theme Color) | Specifies a theme [color](color.docx) which should be applied to the current run.The specified theme [color](color.docx) is a reference to one of the predefined theme colors, located in the document's Theme part,which allows for [color](color.docx) information to be set centrally in the document.If the themeColor attribute is specified, then the val attribute is ignored for this run.[Example: Consider a run of text which should be displayed using the accent3 theme [color](color.docx) from the document’s Theme part. This requirement would be specified as follows in the resulting WordprocessingML:<w:[rPr](rPr.docx)> <w:[color](color.docx) w:themeColor=”accent3” /></w:[rPr](rPr.docx)>The [color](color.docx) attribute specifies that the run shall use the accent3 theme color. end example]The possible values for this attribute are defined by the [ST\_ThemeColor](ST_ThemeColor.docx) simple [type](type.docx) (§). |
| themeShade (Run Content Theme Color Shade) | Specifies the shade value applied to the supplied theme [color](color.docx) (if any) for this run’s contents.If the themeShade is supplied, then it is applied to the RGB value of the theme [color](color.docx) to determine the final [color](color.docx) applied to this run.The themeShade value is stored as a hex [encoding](encoding.docx) of the shade value (from 0 to 255) applied to the current border.[Example: Consider a shade of 40% applied to a run in a document. This shade is calculated as follows:Te resulting themeShade value in the file [format](format.docx) would be 66. end example]Given a input red, green, or blue [color](color.docx) value C (from 0-255), an output [color](color.docx) value of C' (from 0-255), and a shade value S (from 0-100), the shade is applied as follows:[Example: Consider a document with a run using the accent6 theme [color](color.docx), whose RGB value (in RRGGBB hex format) is F79646.The hex value for the green component is 96 - 150 in decimal. Applying the shade formula with shade of 50%, the output decimal value of the green component is 75, or a hex value of 4B. This transformed value can be seen in the resulting run [color](color.docx) WordprocessingML's val attribute:<w:[color](color.docx) w:val="7B4B23" w:themeColor="accent6" w:themeShade="80" />end example]The possible values for this attribute are defined by the [ST\_UcharHexNumber](ST_UcharHexNumber.docx) simple [type](type.docx) (§). |
| themeTint (Run Content Theme Color Tint) | Specifies the tint value applied to the supplied theme [color](color.docx) (if any) for this run’s contents.If the themeTint is supplied, then it is applied to the RGB value of the theme [color](color.docx) to determine the final [color](color.docx) applied to this run.The themeTint value is stored as a hex [encoding](encoding.docx) of the tint value (from 0 to 255) applied to the current border.[Example: Consider a tint of 60% applied to a run in a document. This tint is calculated as follows:The resulting themeTint value in the file [format](format.docx) would be 99. end example]Given a input red, green, or blue [color](color.docx) value C (from 0-255), an output [color](color.docx) value of C' (from 0-255), and a tint value T (from 0-100), the tint is applied as follows:[Example: Consider a document with a run using the accent1 theme [color](color.docx), whose RGB value (in RRGGBB hex format) is C0504D.The hex value for the green component is 50 - 80 in decimal. Applying the tint formula with tint of 60%, the output decimal value of the green component is 150, or a hex value of 96. This transformed value can be seen in the resulting run color's WordprocessingML val attribute:<w:[color](color.docx) w:val="D99694" w:themeColor="accent1" w:themeTint="99" />end example]The possible values for this attribute are defined by the [ST\_UcharHexNumber](ST_UcharHexNumber.docx) simple [type](type.docx) (§). |
| val (Run Content Color) | Specifies the [color](color.docx) for this run.This [color](color.docx) may either be presented as a hex value (in RRGGBB format), or auto to allow a consumer to automatically determine the run [color](color.docx) as appropriate.If the run specifies the use of a theme [color](color.docx) via the themeColor attribute, then this value is superseded by the theme [color](color.docx) value.[Example: Consider a run [color](color.docx) with value auto, as follows:<w:[rPr](rPr.docx)> <w:[color](color.docx) ... w:val="auto" /></w:[rPr](rPr.docx)>This [color](color.docx) therefore may be automatically be modified by a consumer as appropriate, for example, in order to ensure that the run contents can be distinguished against the page's [background](background.docx) color. end example]The possible values for this attribute are defined by the [ST\_HexColor](ST_HexColor.docx) simple [type](type.docx) (§). |

The following [XML](XML.docx) Schema fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_Color">

 <attribute [name](name.docx)="val" [type](type.docx)="[ST\_HexColor](ST_HexColor.docx)" use="required"/>

 <attribute [name](name.docx)="themeColor" [type](type.docx)="[ST\_ThemeColor](ST_ThemeColor.docx)" use="optional"/>

 <attribute [name](name.docx)="themeTint" [type](type.docx)="[ST\_UcharHexNumber](ST_UcharHexNumber.docx)" use="optional"/>

 <attribute [name](name.docx)="themeShade" [type](type.docx)="[ST\_UcharHexNumber](ST_UcharHexNumber.docx)" use="optional"/>

</complexType>