

Converting Colors

RGB(117, 68, 134)

Have a look what the booklet for
RGB(117, 68, 134) contains.

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Color

RGB(117, 68, 134)

Conversions

Conversions Part 1

Format	Color
Hex	754486
RGB	117, 68, 134
RGB Percent	46%, 27%, 53%
CMY	0.5412, 0.7333, 0.4745
CMYK	0.13, 0.49, 0.00, 0.47
HSL	285°, 33%, 40%
HSV	285°, 49%, 53%
XYZ	13.7063, 9.6374, 23.6921
YIQ	90.1750, 8.0180, 30.9140

Conversions

Conversions Part 2

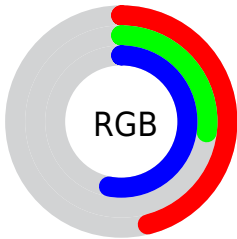
Format	Color
RYB	117, 68, 134
Decimal	7685254
CIELab	37.18, 32.96, -28.60
CIELCh	37, 43.637, 319.052
Yxy	9.6374, 0.2914, 0.2049
Android (android.graphics.Color)	4285875334 (0xFF754486)
YUV	90.1750, 21.6057, 23.5255
Hunter-Lab	31.0441, 24.4824, -23.5177

Details

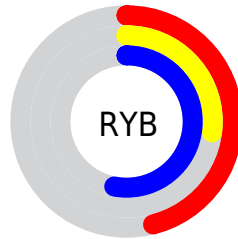
The RGB color **117, 68, 134** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85, 134, 68**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **170, 118, 188**, and **67, 21, 84** is the 20% darker color. If you saturate the color by 10%, you get **114, 55, 134**, and if you desaturate by 10%, it is **120, 81, 134**.

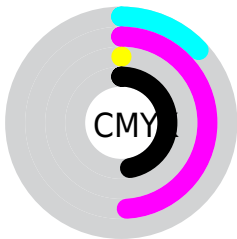
Distribution



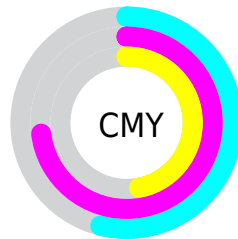
- Red (46%)
- Green (27%)
- Blue (53%)



- Red (46%)
- Yellow (27%)
- Blue (53%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 68, 134 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 117, 68, 134 by changing the saturation by 10% instead.



117, 68, 134



117, 68, 134

255, 255, 255



91, 44, 108



170, 118, 188



67, 21, 84



198, 144, 215



43, 0, 60



227, 171, 244



21, 0, 38



255, 198, 255



0, 1, 15



255, 227, 255



0, 0, 0



117, 68, 134



117, 68, 134



114, 55, 134



120, 81, 134



110, 41, 134



124, 95, 134

107, 28, 134

127, 108, 134

103, 14, 134

131, 122, 134

100, 1, 134

134, 135, 134

99, 0, 134

138, 148, 134

141, 162, 134

145, 175, 134

148, 189, 134

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62, 84, 154



117, 68, 134



144, 55, 102

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



117, 68, 134



116, 81, 9



0, 104, 109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



117, 68, 134



85, 134, 68

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 103, 73



117, 68, 134



84, 93, 10

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



117, 68, 134



140, 67, 35



40, 100, 38



0, 102, 140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



117, 68, 134



151, 53, 78



40, 100, 38



0, 104, 97

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



117, 68, 134



167, 147, 173



68, 86, 134



83, 71, 87



214, 214, 214



87, 87, 87

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117, 68, 134



147, 71, 173



134, 68, 119



65, 60, 66



97, 0, 130



2, 0, 3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



134, 68, 85



173, 71, 97



68, 134, 83



66, 60, 61



130, 0, 33



3, 0, 1

Previews

White Background



This preview shows how the RGB color 117, 68, 134 looks on a white background.

Color Contrast Check

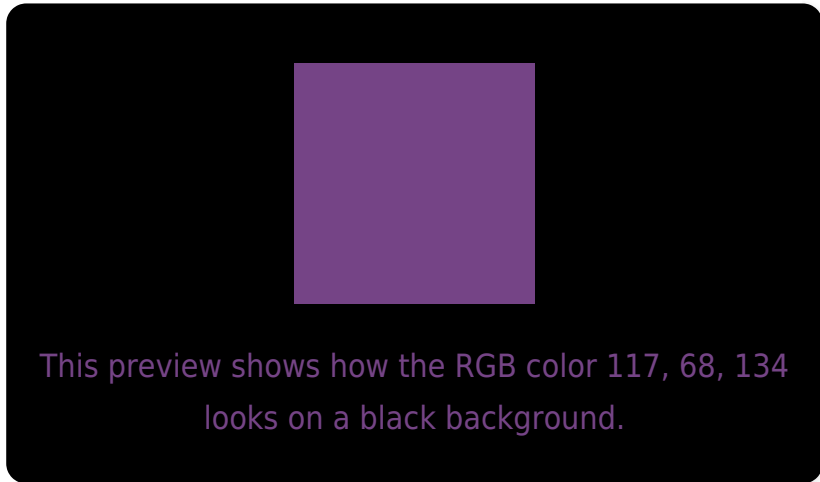
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

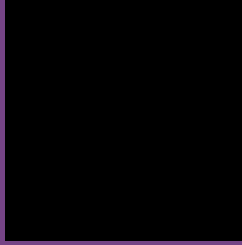
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 117, 68, 134 Background



This preview shows how black text looks on a background with the RGB color 117, 68, 134.

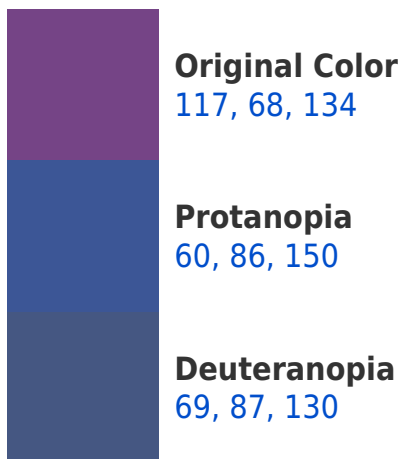


This preview shows how white text looks on a background with the RGB color 117, 68, 134.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
110, 80, 86

Trichromacy



Original Color
117, 68, 134

Protanomaly
81, 79, 144

Deuteranomaly
86, 80, 131

Tritanomaly
113, 76, 103

Monochromacy



Original Color
117, 68, 134

Achromatopsia
90, 90, 90

Achromatomaly
100, 82, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 68, 134 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 68, 134)` looks like.

```
.text, #text, p{  
    color:rgb(117, 68, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 68, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 68, 134) }
```

Border

The CSS property to change the border of an element to RGB 117, 68, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 68, 134) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(117, 68, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(117, 68, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 68, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 68, 134);  
box-shadow:4px 4px 4px 4px rgb(117, 68,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 117, 68, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 68, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117, 68,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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