

Converting Colors

RGB(117, 104, 175)

Have a look what the booklet for
RGB(117, 104, 175) contains.

RGB(117, 104, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(117, 104, 175)

Conversions

Conversions Part 1

Format	Color
Hex	7568AF
RGB	117, 104, 175
RGB Percent	46%, 41%, 69%
CMY	0.5412, 0.5922, 0.3137
CMYK	0.33, 0.41, 0.00, 0.31
HSL	251°, 31%, 55%
HSV	251°, 41%, 69%
XYZ	20.0243, 16.7777, 42.7405
YIQ	115.9810, -15.0430, 24.8370

Conversions

Conversions Part 2

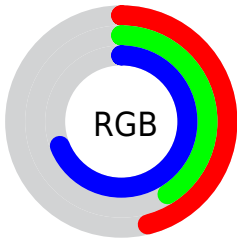
Format	Color
RYB	117, 104, 175
Decimal	7694511
CIELab	47.98, 21.75, -36.13
CIELCh	48, 42.170, 301.042
Yxy	16.7777, 0.2517, 0.2109
Android (android.graphics.Color)	4285884591 (0xFF7568AF)
YUV	115.9810, 29.0964, 0.8937
Hunter-Lab	40.9606, 15.5819, -33.1940

Details

The RGB color **117, 104, 175** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **162, 175, 104**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **171, 155, 231**, and **65, 57, 122** is the 20% darker color. If you saturate the color by 10%, you get **103, 86, 175**, and if you desaturate by 10%, it is **131, 121, 175**.

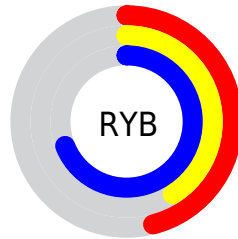
Distribution



Red (46%)

Green (41%)

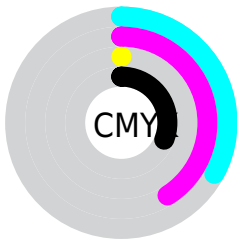
Blue (69%)



Red (46%)

Yellow (41%)

Blue (69%)

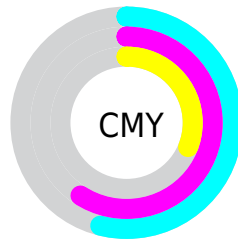


Cyan (33%)

Magenta (41%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (59%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 104, 175 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, 104, 175 by changing the saturation by 10% instead.

■ 117, 104, 175

255, 255, 255

■ 171, 155, 231

■ 199, 182, 255

■ 227, 210, 255

■ 255, 238, 255

■ 117, 104, 175

■ 91, 80, 148

■ 65, 57, 122

■ 40, 35, 97

■ 10, 15, 73

■ 0, 0, 50

■ 0, 1, 28

■ 0, 0, 0

■ 117, 104, 175

■ 103, 86, 175

■ 117, 104, 175

■ 131, 121, 175

88, 69, 175

146, 139, 175

74, 51, 175

160, 156, 175

60, 34, 175

174, 174, 175

46, 16, 175

188, 192, 175

32, 0, 175

203, 209, 175

217, 227, 175

231, 244, 175

246, 255, 175

Harmonies

Analogous

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



41, 117, 185



117, 104, 175



158, 90, 149

Triad

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



117, 104, 175



161, 99, 51



0, 131, 114

Complementary

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



117, 104, 175



162, 175, 104

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.



47, 129, 78



117, 104, 175



133, 112, 39

Square

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



117, 104, 175



178, 87, 79



97, 122, 50



0, 131, 150

Rectangle

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



117, 104, 175



174, 84, 126



97, 122, 50



0, 131, 102

Sweetspot

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



117, 104, 175



205, 200, 227



104, 163, 175



102, 99, 115



242, 242, 242



115, 115, 115

Same Dimension

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



117, 104, 175



136, 116, 227



151, 104, 175



80, 78, 87



28, 0, 150



4, 0, 23

Inverse Universe

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



175, 104, 162



227, 116, 207



128, 175, 104



87, 78, 85



150, 0, 123



23, 0, 19

Previews

White Background



This preview shows how the RGB color 117, 104, 175 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 × Fail

Black Background



This preview shows how the RGB color 117, 104, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

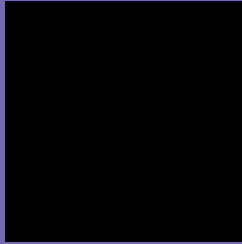
Any Text WCAG AA × Fail

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, 104, 175 Background



This preview shows how black text looks on a background with the RGB color 117, 104, 175.

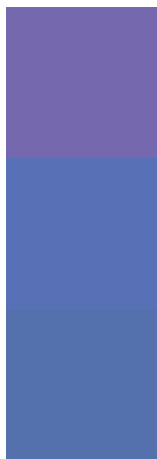


This preview shows how white text looks on a background with the RGB color 117, 104, 175.

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



Original Color

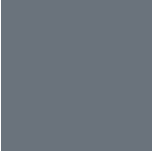
117, 104, 175

Protanopia

87, 112, 182

Deuteranopia

85, 113, 173



Tritanopia
106, 115, 124

Trichromacy



Original Color
117, 104, 175

Protanomaly
98, 109, 179

Deuteranomaly
97, 110, 174

Tritanomaly
110, 111, 143

Monochromacy



Original Color
117, 104, 175

Achromatopsia
116, 116, 116

Achromatomaly
116, 112, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 104, 175 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, 104, 175)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 175)  
}
```

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, 104, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 175) }
```

Border

The CSS property to change the border of an element to RGB 117, 104, 175 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, 104, 175) }
```

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

```
.border{ border-color:rgb(117, 104, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 175);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 117, 104, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 175) }
```

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

```
.background{ background-color: rgb(117,  
104, 175) }
```

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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