

Converting Colors

RGB(117, 101, 164)

Have a look what the booklet for
RGB(117, 101, 164) contains.

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Color

RGB(117, 101, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7565A4
RGB	117, 101, 164
RGB Percent	46%, 40%, 64%
CMY	0.5412, 0.6039, 0.3569
CMYK	0.29, 0.38, 0.00, 0.36
HSL	255°, 26%, 52%
HSV	255°, 38%, 64%
XYZ	18.6906, 15.7696, 37.1807
YIQ	112.9660, -10.6870, 22.9850

Conversions

Conversions Part 2

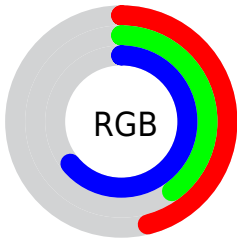
Format	Color
R_{YB}	117, 101, 164
Decimal	7693732
CIE _{Lab}	46.67, 20.63, -31.74
CIE _{LCh}	47, 37.852, 303.018
Yxy	15.7696, 0.2609, 0.2201
Android (android.graphics.Color)	4285883812 (0xFF7565A4)
YUV	112.9660, 25.1598, 3.5378
Hunter-Lab	39.7110, 14.5199, -27.7145

Details

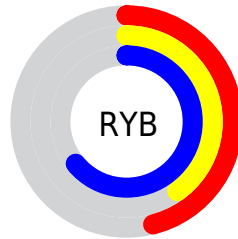
The RGB color **117, 101, 164** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **148, 164, 101**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **170, 152, 219**, and **66, 54, 112** is the 20% darker color. If you saturate the color by 10%, you get **105, 85, 164**, and if you desaturate by 10%, it is **129, 117, 164**.

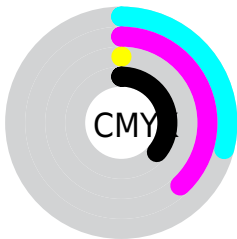
Distribution



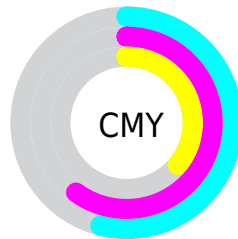
- Red (46%)
- Green (40%)
- Blue (64%)



- Red (46%)
- Yellow (40%)
- Blue (64%)



- Cyan (29%)
- Magenta (38%)
- Yellow (0%)
- Black (36%)



- Cyan (54%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 101, 164 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, 101, 164 by changing the saturation by 10% instead.

 117, 101, 164


255, 255, 255

 170, 152, 219

 198, 179, 248

 227, 206, 255

 255, 235, 255

 117, 101, 164

 91, 77, 137

 66, 54, 112


 42, 32, 87

 16, 12, 63

 0, 0, 41

 0, 1, 19

 0, 0, 0

 117, 101, 164

 105, 85, 164

 117, 101, 164

 129, 117, 164

93, 68, 164

141, 134, 164

80, 52, 164

154, 150, 164

68, 35, 164

166, 167, 164

56, 19, 164

178, 183, 164

44, 3, 164

190, 199, 164

42, 0, 164

203, 216, 164

215, 232, 164

227, 249, 164

Harmonies

Analogous

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



59, 113, 174



117, 101, 164



152, 89, 140

Triad

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



117, 101, 164



152, 98, 54



0, 127, 113

Complementary

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



117, 101, 164



148, 164, 101

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.



50, 124, 81



117, 101, 164



126, 110, 45

Square

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



117, 101, 164



168, 88, 78



93, 119, 55



0, 126, 144

Rectangle

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



117, 101, 164



165, 84, 119



93, 119, 55



0, 126, 102

Sweetspot

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



117, 101, 164



195, 188, 214



101, 148, 164



96, 92, 107



235, 235, 235



107, 107, 107

Same Dimension

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



117, 101, 164



141, 116, 214



148, 101, 164



76, 73, 82



37, 0, 145



5, 0, 18

Inverse Universe

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



164, 101, 148



214, 116, 189



117, 164, 101



82, 73, 80



145, 0, 108



18, 0, 13

Previews

White Background



This preview shows how the RGB color 117, 101, 164 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, 101, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

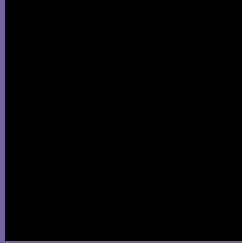
Any Text WCAG AA × Fail

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, 101, 164 Background



This preview shows how black text looks on a background with the RGB color 117, 101, 164.

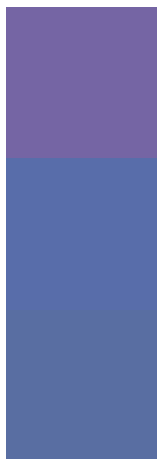


This preview shows how white text looks on a background with the RGB color 117, 101, 164.

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, 101, 164

Protanopia

88, 109, 170

Deuteranopia

89, 110, 162



Tritanopia
108, 110, 119

Trichromacy



Original Color

117, 101, 164

Protanomaly

99, 106, 168

Deuteranomaly

99, 107, 163

Tritanomaly

111, 107, 135

Monochromacy



Original Color

117, 101, 164

Achromatopsia

113, 113, 113

Achromatomaly

114, 109, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 101, 164 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, 101, 164)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 164)  
}
```

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, 101, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 164) }
```

Border

The CSS property to change the border of an element to RGB 117, 101, 164 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, 101, 164) }
```

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

```
.border{ border-color:rgb(117, 101, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 164);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 117, 101, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 164) }
```

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

```
.background{ background-color: rgb(117,  
101, 164) }
```

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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