

Converting Colors

RGB(103, 101, 194)

Have a look what the booklet for
RGB(103, 101, 194) contains.

RGB(103, 101, 194)	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(103, 101, 194)

Conversions

Conversions Part 1

Format	Color
Hex	6765C2
RGB	103, 101, 194
RGB Percent	40%, 40%, 76%
CMY	0.5961, 0.6039, 0.2392
CMYK	0.47, 0.48, 0.00, 0.24
HSL	241°, 43%, 58%
HSV	241°, 48%, 76%
XYZ	19.9848, 16.0860, 53.0905
YIQ	112.2000, -28.6610, 29.3470

Conversions

Conversions Part 2

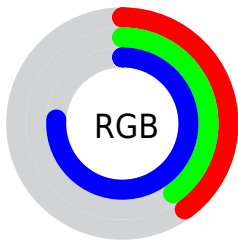
Format	Color
R_{YB}	103, 101, 194
Decimal	6776258
CIE _{Lab}	47.09, 25.39, -48.65
CIE _{LCh}	47, 54.874, 297.565
Yxy	16.0860, 0.2241, 0.1804
Android (android.graphics.Color)	4284966338 (0xFF6765C2)
YUV	112.2000, 40.3274, -8.0684
Hunter-Lab	40.1073, 18.7558, -50.4077

Details

The RGB color **103, 101, 194** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **192, 194, 101**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **159, 152, 251**, and **46, 54, 140** is the 20% darker color. If you saturate the color by 10%, you get **84, 82, 194**, and if you desaturate by 10%, it is **122, 120, 194**.

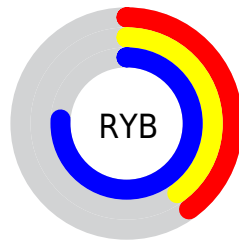
Distribution



Red (40%)

Green (40%)

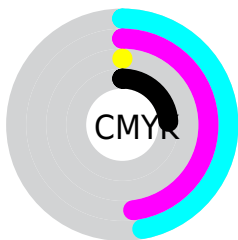
Blue (76%)



Red (40%)

Yellow (40%)

Blue (76%)

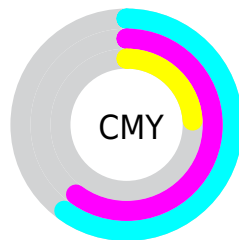


Cyan (47%)

Magenta (48%)

Yellow (0%)

Black (24%)



Cyan (60%)

Magenta (60%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 101, 194 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 103, 101, 194 by changing the saturation by 10% instead.

 103, 101, 194

255, 255, 255

 159, 152, 251

 187, 179, 255

 216, 206, 255

 246, 234, 255

 103, 101, 194

 75, 77, 166


 46, 54, 140

 4, 33, 114

 0, 14, 89

 0, 0, 65

 0, 3, 41

 0, 1, 20

 0, 0, 0

 103, 101, 194

 103, 101, 194

■ 84, 82, 194

■ 122, 120, 194

■ 65, 62, 194

■ 141, 140, 194

■ 46, 43, 194

■ 160, 159, 194

■ 27, 23, 194

■ 179, 179, 194

■ 8, 4, 194

■ 198, 198, 194

■ 4, 0, 194

■ 217, 217, 194

■ 236, 237, 194

■ 255, 255, 194

■ 255, 255, 194

Harmonies

Analogous

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



0, 118, 204



103, 101, 194



163, 79, 162

Triad

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



103, 101, 194



172, 90, 31



0, 133, 106

Complementary

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



103, 101, 194



192, 194, 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.



6, 129, 59



103, 101, 194



137, 108, 0

Square

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



103, 101, 194



192, 71, 72



92, 121, 15



0, 133, 153

Rectangle

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



103, 101, 194



185, 68, 133



92, 121, 15



0, 132, 90

Sweetspot

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



103, 101, 194



218, 217, 252



101, 192, 194



106, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 101, 194



109, 106, 252



149, 101, 194



87, 87, 97



3, 0, 161



1, 0, 33

Inverse Universe

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



194, 101, 192



252, 106, 249



146, 194, 101



97, 87, 97



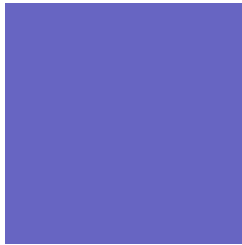
161, 0, 157



33, 0, 32

Previews

White Background



This preview shows how the RGB color 103, 101, 194 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 103, 101, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

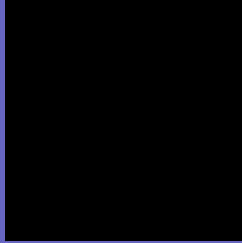
Any Text WCAG AA × Fail

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 103, 101, 194 Background



This preview shows how black text looks on a background with the RGB color 103, 101, 194.

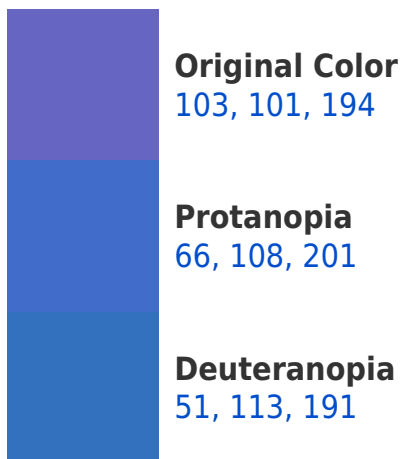


This preview shows how white text looks on a background with the RGB color 103, 101, 194.

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
84, 117, 126

Trichromacy



Original Color
103, 101, 194

Protanomaly
79, 105, 198

Deuteranomaly
70, 109, 192

Tritanomaly
91, 111, 151

Monochromacy



Original Color
103, 101, 194

Achromatopsia
112, 112, 112

Achromatomaly
109, 108, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 101, 194 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(103, 101, 194)` looks like.

```
.text, #text, p{  
  color:rgb(103, 101, 194)  
}
```

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(103, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 101, 194) }
```

Border

The CSS property to change the border of an element to RGB 103, 101, 194 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(103, 101, 194) }
```

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

```
.border{ border-color:rgb(103, 101, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 101, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(103, 101,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 103, 101, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 101, 194) }
```

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

```
.background{ background-color: rgb(103,  
101, 194) }
```

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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