

# Converting Colors

RGB(99, 94, 171)

Have a look what the booklet for  
RGB(99, 94, 171) contains.

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# Color

**RGB(99, 94, 171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635EAB
RGB	99, 94, 171
RGB Percent	39%, 37%, 67%
CMY	0.6118, 0.6314, 0.3294
CMYK	0.42, 0.45, 0.00, 0.33
HSL	244°, 31%, 52%
HSV	244°, 45%, 67%
XYZ	16.4990, 13.5983, 40.2832
YIQ	104.2730, -21.7370, 25.0070

# Conversions

## Conversions Part 2

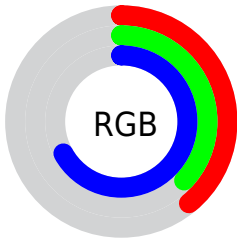
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 94, 171
Decimal	6512299
CIE <sub>Lab</sub>	43.65, 21.80, -40.73
CIE <sub>LCh</sub>	44, 46.197, 298.157
Yxy	13.5983, 0.2344, 0.1932
Android (android.graphics.Color)	4284702379 (0xFF635EAB)
YUV	104.2730, 32.8964, -4.6244
Hunter-Lab	36.8759, 15.3314, -38.9552

# Details

The RGB color **99, 94, 171** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **166, 171, 94**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **153, 144, 227**, and **46, 48, 118** is the 20% darker color. If you saturate the color by 10%, you get **83, 77, 171**, and if you desaturate by 10%, it is **115, 111, 171**.

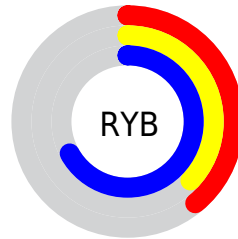
# Distribution



Red (39%)

Green (37%)

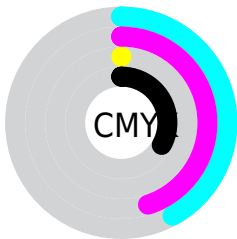
Blue (67%)



Red (39%)

Yellow (37%)

Blue (67%)

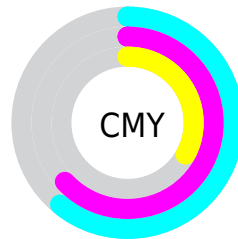


Cyan (42%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (63%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 99, 94, 171 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 99, 94, 171 by changing the saturation by 10% instead.





99, 94, 171



99, 94, 171

255, 255, 255



73, 70, 144



153, 144, 227



46, 48, 118



181, 171, 255



14, 27, 93



209, 198, 255



0, 3, 69



238, 226, 255



0, 4, 46

255, 255, 255



0, 1, 24



0, 0, 0



99, 94, 171



99, 94, 171



83, 77, 171



115, 111, 171

67, 60, 171

131, 128, 171

51, 43, 171

147, 145, 171

35, 26, 171

163, 162, 171

19, 8, 171

179, 179, 171

11, 0, 171

195, 197, 171

211, 214, 171

227, 231, 171

243, 248, 171

# Harmonies

## Analogous

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



0, 108, 180



99, 94, 171



147, 77, 144

# Triad

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



99, 94, 171



154, 86, 37



0, 121, 99

# Complementary

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



99, 94, 171



166, 171, 94

# 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.



30, 118, 61



99, 94, 171



125, 100, 17

# Square

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



99, 94, 171



171, 71, 69



87, 111, 29



0, 121, 138

# Rectangle

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



99, 94, 171



165, 69, 120



87, 111, 29



0, 121, 86



# Sweetspot

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



99, 94, 171



193, 191, 222



94, 167, 171



94, 93, 112



240, 240, 240



112, 112, 112



# Same Dimension

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



99, 94, 171



110, 102, 222



136, 94, 171



79, 78, 87



10, 0, 150



1, 0, 23



# Inverse Universe

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



171, 94, 166



222, 102, 214



129, 171, 94



87, 78, 86



150, 0, 141

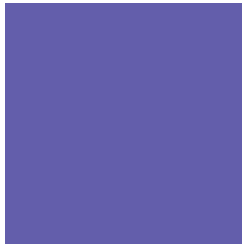


23, 0, 21



# Previews

## White Background



This preview shows how the RGB color 99, 94, 171 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 99, 94, 171 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 99, 94, 171 Background



This preview shows how black text looks on a background with the RGB color 99, 94, 171.

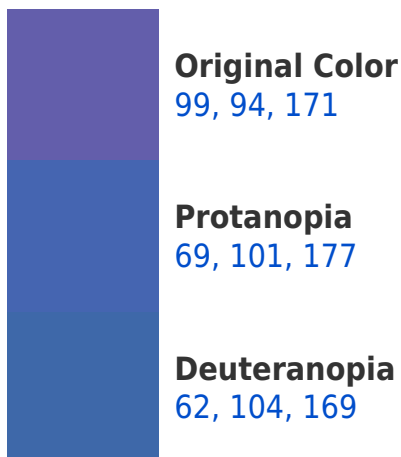


This preview shows how white text looks on a background with the RGB color 99, 94, 171.

# 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**  
85, 107, 115

# Trichromacy



**Original Color**

99, 94, 171

**Protanomaly**

80, 98, 175

**Deuteranomaly**

75, 100, 170

**Tritanomaly**

90, 102, 135

# Monochromacy



**Original Color**

99, 94, 171

**Achromatopsia**

104, 104, 104

**Achromatomaly**

102, 100, 128

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 99, 94, 171 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(99, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 171)  
}
```

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(99, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 171) }
```

## Border

The CSS property to change the border of an element to RGB 99, 94, 171 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(99, 94, 171) }
```

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

```
.border{ border-color:rgb(99, 94, 171) }
```

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

Here you see how a box with a 4 pixel rgb(99, 94, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(99, 94,  
171) }
```

# Background

The CSS property to change the background color of an element to RGB 99, 94, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 171) }
```

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

```
.background{ background-color: rgb(99, 94,  
171) }
```

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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