

# Converting Colors

RGB(150, 117, 201)

Have a look what the booklet for  
RGB(150, 117, 201) contains.

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# **Color**

**RGB(150, 117, 201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9675C9
RGB	150, 117, 201
RGB Percent	59%, 46%, 79%
CMY	0.4118, 0.5412, 0.2118
CMYK	0.25, 0.42, 0.00, 0.21
HSL	264°, 44%, 62%
HSV	264°, 42%, 79%
XYZ	29.4816, 23.4237, 58.2257
YIQ	136.4430, -7.2960, 33.1200

# Conversions

## Conversions Part 2

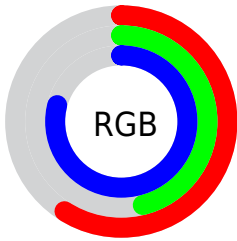
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 117, 201
Decimal	9860553
CIE <sub>Lab</sub>	55.51, 30.24, -39.05
CIE <sub>LCh</sub>	56, 49.392, 307.758
Yxy	23.4237, 0.2653, 0.2108
Android (android.graphics.Color)	4288050633 (0xFF9675C9)
YUV	136.4430, 31.8266, 11.8895
Hunter-Lab	48.3980, 24.0366, -37.4509

# Details

The RGB color **150, 117, 201** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **168, 201, 117**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **206, 170, 255**, and **97, 68, 147** is the 20% darker color. If you saturate the color by 10%, you get **138, 97, 201**, and if you desaturate by 10%, it is **162, 137, 201**.

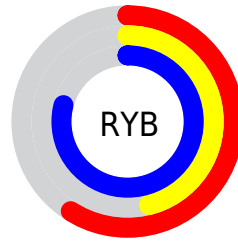
# Distribution



Red (59%)

Green (46%)

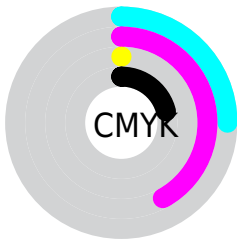
Blue (79%)



Red (59%)

Yellow (46%)

Blue (79%)

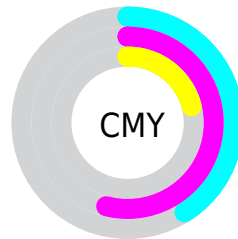


Cyan (25%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (54%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 150, 117, 201 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 150, 117, 201 by changing the saturation by 10% instead.



 150, 117, 201


255, 255, 255


 206, 170, 255

 234, 197, 255

 255, 225, 255

255, 254, 255


 150, 117, 201


 150, 117, 201

 123, 92, 173


 97, 68, 147

 71, 45, 120


 45, 23, 95


 19, 1, 71


 0, 0, 48


 0, 1, 26

 0, 0, 0


 150, 117, 201


 138, 97, 201


 162, 137, 201

 126, 77, 201

 174, 157, 201


 113, 57, 201


 187, 177, 201

 101, 37, 201

 199, 197, 201

 89, 17, 201

 211, 218, 201

 79, 0, 201

 223, 238, 201

 235, 255, 201

 248, 255, 201

 255, 255, 201

# Harmonies

## Analogous

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



71, 134, 218



150, 117, 201



194, 101, 166

# Triad

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



150, 117, 201



182, 119, 52



0, 154, 143

# Complementary

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



150, 117, 201



168, 201, 117

# 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.



22, 152, 99



150, 117, 201



146, 134, 42

# Square

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



150, 117, 201



206, 103, 83



100, 145, 61



0, 152, 184

# Rectangle

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



150, 117, 201



208, 95, 138



100, 145, 61



0, 154, 128



# Sweetspot

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



150, 117, 201



235, 222, 255



117, 169, 201



115, 107, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



150, 117, 201



178, 128, 255



191, 117, 201



93, 90, 99



64, 0, 163



14, 0, 36



# Inverse Universe

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



201, 117, 168



255, 128, 205



127, 201, 117



99, 90, 96



163, 0, 99

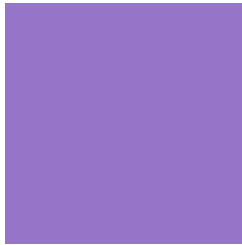


36, 0, 22



# Previews

## White Background



This preview shows how the RGB color 150, 117, 201 looks on a white background.

## Color Contrast Check

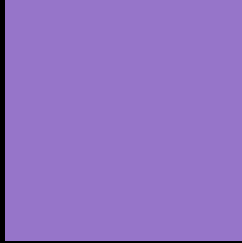
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 150, 117, 201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

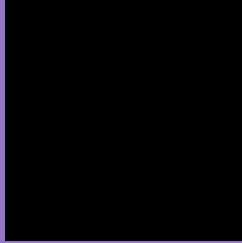
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 150, 117, 201 Background



This preview shows how black text looks on a background with the RGB color 150, 117, 201.



This preview shows how white text looks on a background with the RGB color 150, 117, 201.

# 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](#).

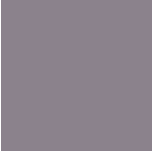
## Dichromacy



**Original Color**  
150, 117, 201

**Protanopia**  
102, 130, 213

**Deuteranopia**  
104, 132, 198



**Tritanopia**  
139, 130, 140

# Trichromacy



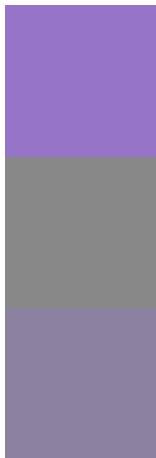
**Original Color**  
150, 117, 201

**Protanomaly**  
119, 125, 209

**Deuteranomaly**  
121, 127, 199

**Tritanomaly**  
143, 125, 162

# Monochromacy



**Original Color**  
150, 117, 201

**Achromatopsia**  
136, 136, 136

**Achromatomaly**  
141, 129, 160

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 150, 117, 201 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(150, 117, 201)` looks like.

```
.text, #text, p{  
    color:rgb(150, 117, 201)  
}
```

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(150, 117, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 117, 201) }
```

## Border

The CSS property to change the border of an element to RGB 150, 117, 201 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(150, 117, 201) }
```

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

```
.border{ border-color:rgb(150, 117, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 117, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 117, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 117, 201);  
box-shadow:4px 4px 4px 4px rgb(150, 117,  
201) }
```

# Background

The CSS property to change the background color of an element to RGB 150, 117, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 117, 201) }
```

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

```
.background{ background-color: rgb(150,  
117, 201) }
```

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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