

# Converting Colors

RGB(150, 101, 213)

Have a look what the booklet for  
RGB(150, 101, 213) contains.

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# Color

**RGB(150, 101, 213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9665D5
RGB	150, 101, 213
RGB Percent	59%, 40%, 84%
CMY	0.4118, 0.6039, 0.1647
CMYK	0.30, 0.53, 0.00, 0.16
HSL	266°, 57%, 62%
HSV	266°, 53%, 84%
XYZ	29.2416, 20.5955, 65.3849
YIQ	128.4190, -6.7480, 45.2200

# Conversions

## Conversions Part 2

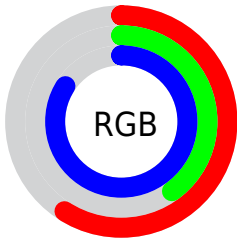
Format	Color
<a href="#">RYB</a>	<a href="#">150, 101, 213</a>
Decimal	<a href="#">9856469</a>
CIELab	<a href="#">52.50, 42.26, -50.62</a>
CIELCh	<a href="#">53, 65.947, 309.857</a>
Yxy	<a href="#">20.5955, 0.2538, 0.1787</a>
Android (android.graphics.Color)	<a href="#">4288046549 (0xFF9665D5)</a>
YUV	<a href="#">128.4190, 41.6984, 18.9265</a>
Hunter-Lab	<a href="#">45.3823, 35.5957, -53.6551</a>

# Details

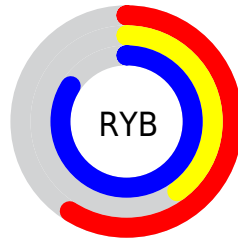
The RGB color **150, 101, 213** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **164, 213, 101**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **207, 153, 255**, and **95, 52, 158** is the 20% darker color. If you saturate the color by 10%, you get **138, 80, 213**, and if you desaturate by 10%, it is **162, 122, 213**.

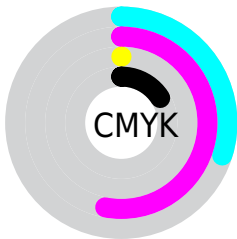
# Distribution



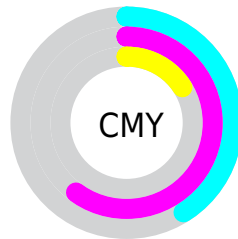
- Red (59%)
- Green (40%)
- Blue (84%)



- Red (59%)
- Yellow (40%)
- Blue (84%)



- Cyan (30%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)




- Cyan (41%)
- Magenta (60%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 150, 101, 213 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, 101, 213 by changing the saturation by 10% instead.



 150, 101, 213


255, 255, 255

 207, 153, 255

 236, 181, 255

 255, 208, 255

 255, 237, 255

 150, 101, 213

 122, 76, 185

 95, 52, 158

 68, 27, 131

 39, 1, 105

 8, 0, 80


 0, 0, 56

 0, 2, 34


 0, 0, 8


 0, 0, 0

 150, 101, 213

 150, 101, 213

 138, 80, 213

 162, 122, 213


 126, 58, 213


 174, 144, 213

 114, 37, 213

 186, 165, 213

 102, 16, 213

 198, 186, 213

 93, 0, 213

 210, 208, 213

 222, 229, 213

 234, 250, 213

 246, 255, 213

 255, 255, 213

# Harmonies

## Analogous

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



0, 126, 238



150, 101, 213



206, 73, 166

# Triad

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



150, 101, 213



181, 108, 0



0, 151, 143

# Complementary

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



150, 101, 213



164, 213, 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.



0, 148, 84



150, 101, 213



134, 129, 0

# Square

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



150, 101, 213



214, 82, 55



70, 142, 24



0, 149, 197

# Rectangle

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



150, 101, 213



222, 62, 128



70, 142, 24



0, 150, 123



# Sweetspot

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



150, 101, 213



232, 214, 255



101, 164, 213



114, 103, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



150, 101, 213



165, 94, 255



206, 101, 213



101, 96, 107



75, 0, 171



19, 0, 43



# Inverse Universe

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



213, 101, 164



255, 94, 185



108, 213, 101



107, 96, 102



171, 0, 96

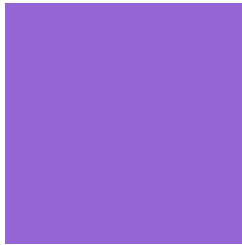


43, 0, 24



# Previews

## White Background



This preview shows how the RGB color 150, 101, 213 looks on a white background.

## Color Contrast Check

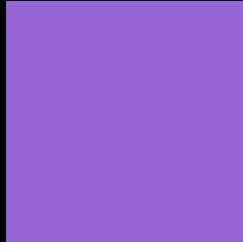
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101, 213 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, 101, 213 Background



This preview shows how black text looks on a background with the RGB color 150, 101, 213.

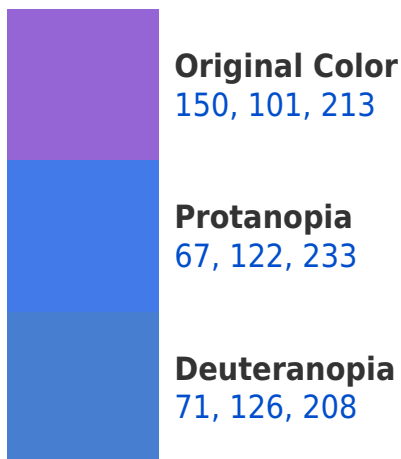


This preview shows how white text looks on a background with the RGB color 150, 101, 213.

# 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**  
135, 122, 131

# Trichromacy



**Original Color**  
150, 101, 213

**Protanomaly**  
97, 114, 226

**Deuteranomaly**  
100, 117, 210

**Tritanomaly**  
140, 114, 161

# Monochromacy



**Original Color**  
150, 101, 213

**Achromatopsia**  
128, 128, 128

**Achromatomaly**  
136, 118, 159

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 150, 101, 213 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, 101, 213)` looks like.

```
.text, #text, p{  
    color:rgb(150, 101, 213)  
}
```

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, 101, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 101, 213) }
```

## Border

The CSS property to change the border of an element to RGB 150, 101, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

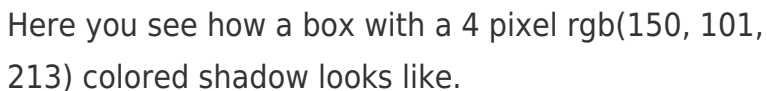
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 101, 213) }
```

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

```
.border{ border-color:rgb(150, 101, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 101, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 101, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 101, 213);  
box-shadow:4px 4px 4px 4px rgb(150, 101,  
213) }
```

# Background

The CSS property to change the background color of an element to RGB 150, 101, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 101, 213) }
```

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

```
.background{ background-color: rgb(150,  
101, 213) }
```

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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