

# Converting Colors

RGB(192, 126, 238)

Have a look what the booklet for  
RGB(192, 126, 238) contains.

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# Color

**RGB(192, 126, 238)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C07EEE
RGB	192, 126, 238
RGB Percent	75%, 49%, 93%
CMY	0.2471, 0.5059, 0.0667
CMYK	0.19, 0.47, 0.00, 0.07
HSL	275°, 77%, 71%
HSV	275°, 47%, 93%
XYZ	44.6317, 32.3012, 84.7713
YIQ	158.5020, 3.3840, 48.8240

# Conversions

## Conversions Part 2

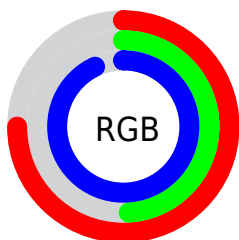
Format	Color
<a href="#">RYB</a>	<a href="#">192, 126, 238</a>
Decimal	<a href="#">12615406</a>
CIELab	<a href="#">63.59, 45.57, -46.76</a>
CIELCh	<a href="#">64, 65.293, 314.257</a>
Yxy	<a href="#">32.3012, 0.2760, 0.1998</a>
Android (android.graphics.Color)	<a href="#">4290805486</a> (0xFFC07EEE)
YUV	<a href="#">158.5020, 39.1925, 29.3777</a>
Hunter-Lab	<a href="#">56.8342, 40.7157, -48.6504</a>

# Details

The RGB color **192, 126, 238** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **172, 238, 126**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **250, 180, 255**, and **136, 74, 181** is the 20% darker color. If you saturate the color by 10%, you get **182, 102, 238**, and if you desaturate by 10%, it is **202, 150, 238**.

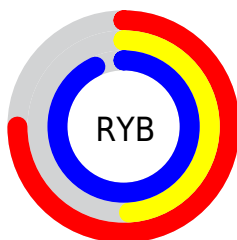
# Distribution



Red (75%)

Green (49%)

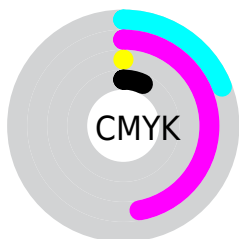
Blue (93%)



Red (75%)

Yellow (49%)

Blue (93%)

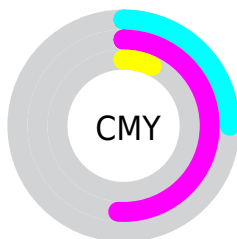


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (51%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 192, 126, 238 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 192, 126, 238 by changing the saturation by 10% instead.




 192, 126, 238


255, 255, 255

 250, 180, 255

 255, 208, 255

 255, 237, 255

 192, 126, 238

 164, 100, 209

 136, 74, 181

 109, 49, 154

 82, 23, 128

 56, 0, 102

 29, 0, 78

 0, 0, 54

 0, 2, 31

 0, 0, 3

 192, 126, 238


 192, 126, 238


 182, 102, 238


 202, 150, 238

 172, 78, 238

 212, 174, 238

 163, 55, 238

 221, 197, 238

 153, 31, 238

 231, 221, 238

 143, 7, 238

 241, 245, 238

 140, 0, 238

 251, 255, 238

 255, 255, 238

# Harmonies

## Analogous

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



88, 151, 255



192, 126, 238



243, 102, 187

# Triad

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



192, 126, 238



208, 140, 30



0, 181, 181

# Complementary

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



192, 126, 238



172, 238, 126

# 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, 179, 120



192, 126, 238



157, 160, 20

# Square

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



192, 126, 238



245, 116, 75



90, 173, 64



0, 179, 234

# Rectangle

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



192, 126, 238



255, 96, 148



90, 173, 64



0, 181, 161



# Sweetspot

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



192, 126, 238



240, 219, 255



126, 173, 238



119, 106, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



192, 126, 238



196, 112, 255



238, 126, 229



115, 108, 120



108, 0, 184



33, 0, 56



# Inverse Universe

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



238, 126, 172



255, 112, 171



126, 238, 135



120, 108, 113



184, 0, 75

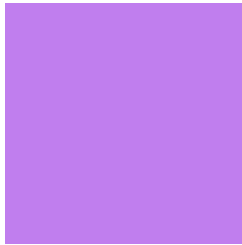


56, 0, 23



# Previews

## White Background



This preview shows how the RGB color 192, 126, 238 looks on a white background.

## Color Contrast Check

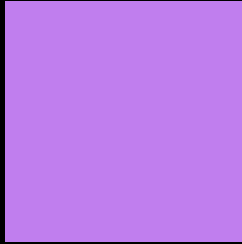
Large Text (above 18pt) WCAG AA × Fail

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 192, 126, 238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

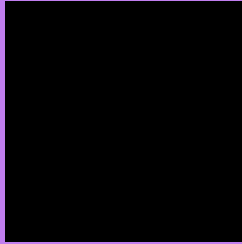
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 192, 126, 238 Background



This preview shows how black text looks on a background with the RGB color 192, 126, 238.



This preview shows how white text looks on a background with the RGB color 192, 126, 238.

# 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

192, 126, 238

### Protanopia

112, 151, 255

### Deuteranopia

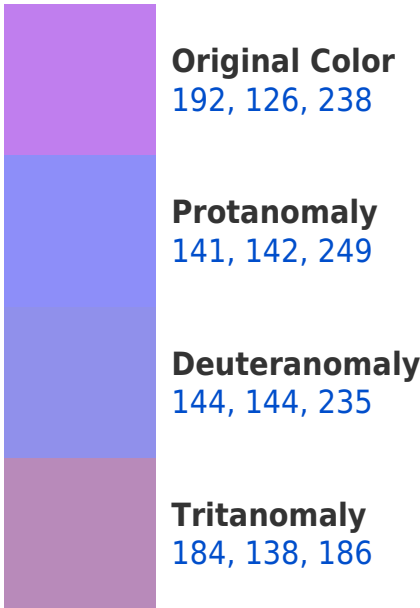
117, 154, 233



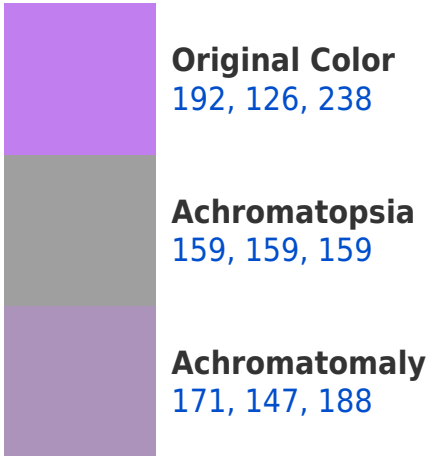
## Tritanopia

179, 145, 156

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 192, 126, 238 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(192, 126, 238)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 238)  
}
```

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(192, 126, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 238) }
```

## Border

The CSS property to change the border of an element to RGB 192, 126, 238 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(192, 126, 238) }
```

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

```
.border{ border-color:rgb(192, 126, 238) }
```

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

Here you see how a box with a 4 pixel rgb(192, 126, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 238);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
238) }
```

# Background

The CSS property to change the background color of an element to RGB 192, 126, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 238) }
```

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

```
.background{ background-color: rgb(192,  
126, 238) }
```

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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