

# Converting Colors

RGB(193, 128, 215)

Have a look what the booklet for  
RGB(193, 128, 215) contains.

<b>RGB(193, 128, 215)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(193, 128, 215)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C180D7
RGB	193, 128, 215
RGB Percent	76%, 50%, 84%
CMY	0.2431, 0.4980, 0.1569
CMYK	0.10, 0.40, 0.00, 0.16
HSL	285°, 52%, 67%
HSV	285°, 40%, 84%
XYZ	41.9772, 31.6821, 68.1928
YIQ	157.3530, 10.8130, 40.8370

# Conversions

## Conversions Part 2

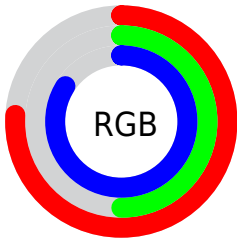
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 128, 215</a>
Decimal	<a href="#">12681431</a>
CIELab	<a href="#">63.08, 39.91, -34.77</a>
CIELCh	<a href="#">63, 52.933, 318.936</a>
Yxy	<a href="#">31.6821, 0.2959, 0.2233</a>
Android (android.graphics.Color)	<a href="#">4290871511 (0xFFC180D7)</a>
YUV	<a href="#">157.3530, 28.4200, 31.2624</a>
Hunter-Lab	<a href="#">56.2869, 34.6185, -32.4304</a>

# Details

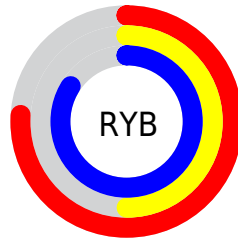
The RGB color **193, 128, 215** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **150, 215, 128**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **251, 182, 255**, and **138, 77, 160** is the 20% darker color. If you saturate the color by 10%, you get **188, 107, 215**, and if you desaturate by 10%, it is **198, 150, 215**.

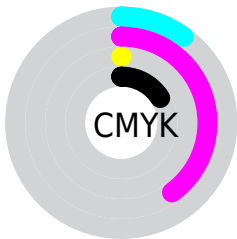
# Distribution



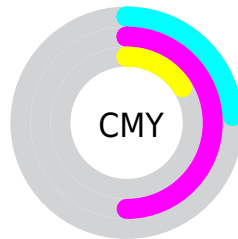
- Red (76%)
- Green (50%)
- Blue (84%)



- Red (76%)
- Yellow (50%)
- Blue (84%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (50%)
- Yellow (16%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 193, 128, 215 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 193, 128, 215 by changing the saturation by 10% instead.



 193, 128, 215

255, 255, 255


 251, 182, 255


 255, 210, 255

 255, 239, 255

 193, 128, 215

 165, 102, 187

 138, 77, 160

 111, 52, 133

 85, 27, 108

 60, 0, 83

 37, 0, 60

 0, 0, 37

 0, 1, 13

 0, 0, 0

 193, 128, 215

 193, 128, 215

 188, 107, 215


 198, 150, 215

 182, 85, 215

 204, 171, 215

 177, 63, 215

 209, 193, 215

 171, 42, 215


 215, 214, 215

 166, 20, 215

 220, 236, 215

 161, 0, 215

 226, 255, 215

 231, 255, 215

 236, 255, 215

 242, 255, 215

# Harmonies

## Analogous

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



125, 147, 242



193, 128, 215



230, 113, 172

# Triad

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



193, 128, 215



194, 144, 56



0, 176, 182

# Complementary

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



193, 128, 215



150, 215, 128

# 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, 175, 133



193, 128, 215



150, 159, 58

# Square

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



193, 128, 215



226, 126, 83



95, 170, 88



0, 172, 223

# Rectangle

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



193, 128, 215



240, 111, 140



95, 170, 88



0, 176, 166



# Sweetspot

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



193, 128, 215



247, 224, 255



128, 151, 215



123, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



193, 128, 215



223, 130, 255



215, 128, 195



104, 96, 107



128, 0, 171



32, 0, 43



# Inverse Universe

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



215, 128, 150



255, 130, 162



128, 215, 148



107, 96, 99



171, 0, 43

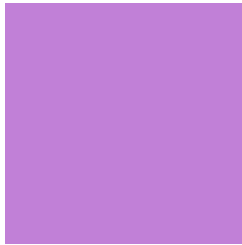


43, 0, 11



# Previews

## White Background



This preview shows how the RGB color 193, 128, 215 looks on a white background.

## Color Contrast Check

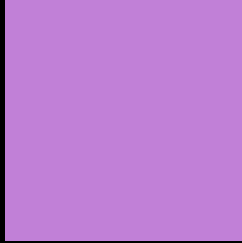
Large Text (above 18pt) WCAG AA × Fail

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 193, 128, 215 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 193, 128, 215 Background



This preview shows how black text looks on a background with the RGB color 193, 128, 215.

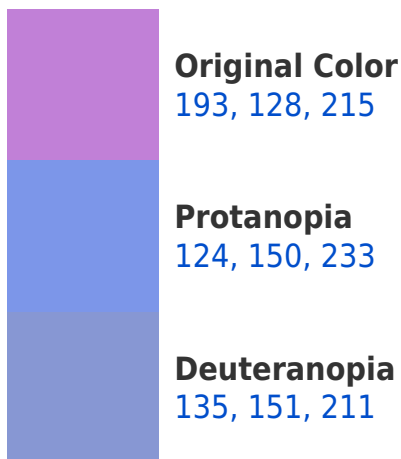



This preview shows how white text looks on a background with the RGB color 193, 128, 215.

# 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**  
184, 141, 152

# Trichromacy



**Original Color**

193, 128, 215



**Protanomaly**

149, 142, 226



**Deuteranomaly**

156, 143, 212



**Tritanomaly**

187, 136, 175

# Monochromacy



**Original Color**

193, 128, 215



**Achromatopsia**

157, 157, 157



**Achromatomaly**

170, 146, 178

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 193, 128, 215 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(193, 128, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 128, 215)  
}
```

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(193, 128, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 128, 215) }
```

## Border

The CSS property to change the border of an element to RGB 193, 128, 215 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(193, 128, 215) }
```

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

```
.border{ border-color:rgb(193, 128, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 128, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 128, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 128, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 128,  
215) }
```

# Background

The CSS property to change the background color of an element to RGB 193, 128, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 128, 215) }
```

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

```
.background{ background-color: rgb(193,  
128, 215) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor