

Converting Colors

RGB(198, 117, 218)

Have a look what the booklet for
RGB(198, 117, 218) contains.

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Color

RGB(198, 117, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C675DA
RGB	198, 117, 218
RGB Percent	78%, 46%, 85%
CMY	0.2235, 0.5412, 0.1451
CMYK	0.09, 0.46, 0.00, 0.15
HSL	288°, 58%, 66%
HSV	288°, 46%, 85%
XYZ	42.3049, 29.7903, 69.8501
YIQ	152.7330, 15.8550, 48.5830

Conversions

Conversions Part 2

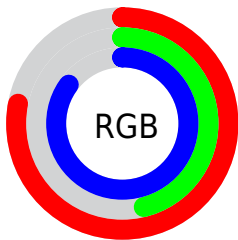
Format	Color
RYB	198, 117, 218
Decimal	13006298
CIELab	61.47, 47.82, -38.92
CIElCh	61, 61.656, 320.862
Yxy	29.7903, 0.2980, 0.2099
Android (android.graphics.Color)	4291196378 (0xFFC675DA)
YUV	152.7330, 32.1766, 39.6992
Hunter-Lab	54.5805, 42.8380, -37.6708

Details

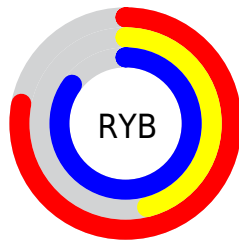
The RGB color **198, 117, 218** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **137, 218, 117**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 171, 255**, and **142, 65, 163** is the 20% darker color. If you saturate the color by 10%, you get **194, 95, 218**, and if you desaturate by 10%, it is **202, 139, 218**.

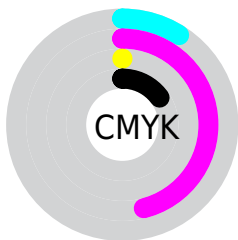
Distribution



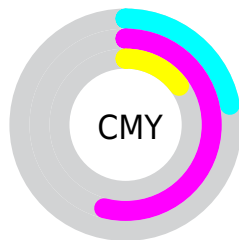
- Red (78%)
- Green (46%)
- Blue (85%)



- Red (78%)
- Yellow (46%)
- Blue (85%)



- Cyan (9%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 117, 218 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 198, 117, 218 by changing the saturation by 10% instead.


 198, 117, 218

255, 255, 255

 255, 171, 255

 255, 199, 255

 255, 228, 255

 198, 117, 218

 170, 91, 190

 142, 65, 163

 115, 39, 136

 89, 6, 110

 63, 0, 85

 40, 0, 62

 0, 0, 39

 0, 1, 16

 0, 0, 0

■ 198, 117, 218

■ 198, 117, 218

■ 194, 95, 218

■ 202, 139, 218

■ 189, 73, 218

■ 207, 161, 218

■ 185, 52, 218

■ 211, 182, 218

■ 181, 30, 218

■ 215, 204, 218

■ 176, 8, 218

■ 220, 226, 218

■ 175, 0, 218

■ 224, 248, 218

■ 228, 255, 218

■ 233, 255, 218

■ 237, 255, 218

Harmonies

Analogous

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



117, 141, 251



198, 117, 218



238, 98, 168

Triad

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



198, 117, 218



190, 140, 28



0, 174, 186

Complementary

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



198, 117, 218



137, 218, 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.



0, 173, 129



198, 117, 218



140, 157, 33

Square

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



198, 117, 218



228, 118, 64



70, 168, 75



0, 170, 232

Rectangle

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



198, 117, 218



247, 96, 131



70, 168, 75



0, 174, 167

Sweetspot

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



198, 117, 218



248, 219, 255



117, 137, 218



123, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 117, 218



227, 112, 255



218, 117, 188



107, 99, 110



139, 0, 173



37, 0, 46

Inverse Universe

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



218, 117, 137



255, 112, 140



117, 218, 147



110, 99, 101



173, 0, 34



46, 0, 9

Previews

White Background



This preview shows how the RGB color 198, 117, 218 looks on a white background.

Color Contrast Check

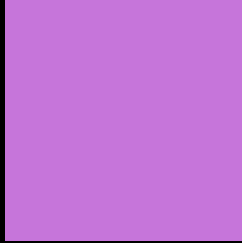
Large Text (above 18pt) WCAG AA ✓ Pass

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 198, 117, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

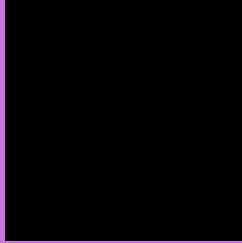
Any Text WCAG AA ✓ Pass

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 198, 117, 218 Background



This preview shows how black text looks on a background with the RGB color 198, 117, 218.

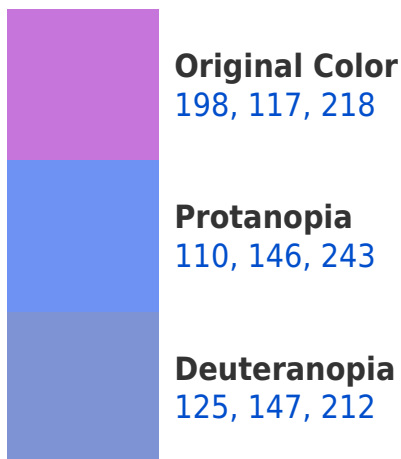



This preview shows how white text looks on a background with the RGB color 198, 117, 218.

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
188, 134, 144

Trichromacy



Original Color

198, 117, 218



Protanomaly

142, 135, 234



Deuteranomaly

152, 136, 214



Tritanomaly

192, 128, 171

Monochromacy



Original Color

198, 117, 218



Achromatopsia

153, 153, 153



Achromatomaly

169, 140, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 117, 218 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(198, 117, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 117, 218)  
}
```

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(198, 117, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 117, 218) }
```

Border

The CSS property to change the border of an element to RGB 198, 117, 218 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(198, 117, 218) }
```

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

```
.border{ border-color:rgb(198, 117, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 117, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 117, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 117, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 117,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 198, 117, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 117, 218) }
```

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

```
.background{ background-color: rgb(198,  
117, 218) }
```

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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