

Converting Colors

RGB(199, 118, 154)

Have a look what the booklet for
RGB(199, 118, 154) contains.

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Color

RGB(199, 118, 154)

Conversions

Conversions Part 1

Format	Color
Hex	C7769A
RGB	199, 118, 154
RGB Percent	78%, 46%, 60%
CMY	0.2196, 0.5373, 0.3961
CMYK	0.00, 0.41, 0.23, 0.22
HSL	333°, 42%, 62%
HSV	333°, 41%, 78%
XYZ	35.8644, 27.4321, 33.9765
YIQ	146.3230, 36.7200, 28.3680

Conversions

Conversions Part 2

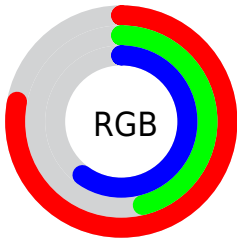
Format	Color
RYB	199, 118, 154
Decimal	13072026
CIELab	59.37, 36.43, -5.70
CIElCh	59, 36.872, 351.102
Yxy	27.4321, 0.3687, 0.2820
Android (android.graphics.Color)	4291262106 (0xFFC7769A)
YUV	146.3230, 3.7848, 46.1977
Hunter-Lab	52.3756, 30.5710, -1.7990

Details

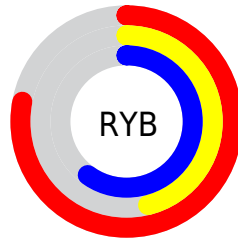
The RGB color **199, 118, 154** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **118, 199, 163**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 172, 208**, and **143, 67, 103** is the 20% darker color. If you saturate the color by 10%, you get **199, 98, 143**, and if you desaturate by 10%, it is **199, 138, 165**.

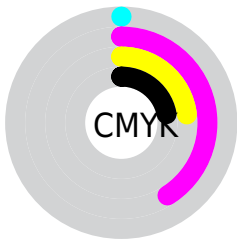
Distribution



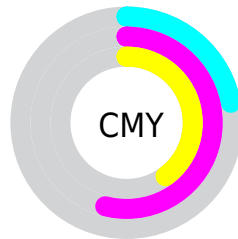
- Red (78%)
- Green (46%)
- Blue (60%)



- Red (78%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 118, 154 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 199, 118, 154 by changing the saturation by 10% instead.

 199, 118, 154


255, 255, 255

 255, 172, 208

 255, 199, 237


 255, 228, 255

 199, 118, 154

 171, 92, 128

 143, 67, 103

 116, 42, 79

 90, 16, 56

 65, 0, 35

 44, 0, 13

 0, 0, 0

 199, 118, 154

 199, 98, 143

 199, 118, 154

 199, 138, 165

199, 78, 132

199, 158, 176

199, 58, 121

199, 178, 187

199, 38, 110

199, 198, 198

199, 19, 99

199, 218, 209

199, 0, 88

199, 237, 220

199, 255, 231

199, 255, 242

199, 255, 254

Harmonies

Analogous

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



174, 126, 184



199, 118, 154



205, 118, 121

Triad

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



199, 118, 154



141, 148, 81



0, 156, 192

Complementary

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



199, 118, 154



118, 199, 163

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, 160, 165



199, 118, 154



103, 155, 101

Square

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



199, 118, 154



172, 138, 78



56, 159, 132



73, 149, 206

Rectangle

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



199, 118, 154



200, 123, 102



56, 159, 132



0, 158, 185

Sweetspot

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



199, 118, 154



255, 224, 238



163, 118, 199



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



199, 118, 154



255, 130, 186



199, 122, 118



99, 90, 94



163, 0, 73



36, 0, 16

Inverse Universe

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



199, 118, 154



255, 130, 186



118, 195, 199



99, 90, 94



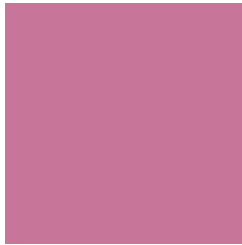
163, 0, 73



36, 0, 16

Previews

White Background



This preview shows how the RGB color 199, 118, 154 looks on a white background.

Color Contrast Check

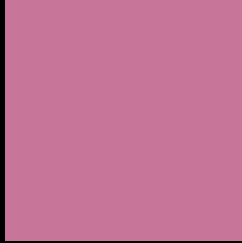
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 118, 154 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 199, 118, 154 Background



This preview shows how black text looks on a background with the RGB color 199, 118, 154.

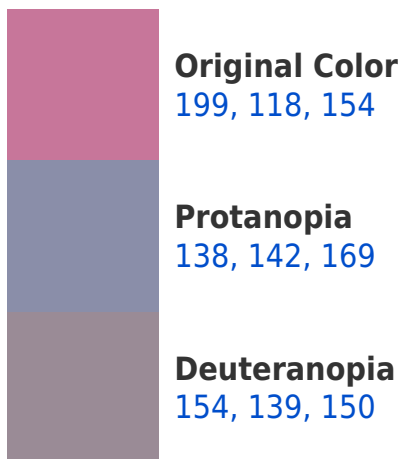


This preview shows how white text looks on a background with the RGB color 199, 118, 154.

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
197, 122, 131

Trichromacy



Original Color

199, 118, 154

Protanomaly

160, 133, 164

Deuteranomaly

170, 131, 151

Tritanomaly

198, 121, 139

Monochromacy



Original Color

199, 118, 154

Achromatopsia

146, 146, 146

Achromatomaly

165, 136, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 118, 154 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(199, 118, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 154)  
}
```

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(199, 118, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 154) }
```

Border

The CSS property to change the border of an element to RGB 199, 118, 154 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(199, 118, 154) }
```

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

```
.border{ border-color:rgb(199, 118, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 199, 118, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 154) }
```

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

```
.background{ background-color: rgb(199,  
118, 154) }
```

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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