

Converting Colors

RGB(198, 75, 142)

Have a look what the booklet for
RGB(198, 75, 142) contains.

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Color

RGB(198, 75, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C64B8E
RGB	198, 75, 142
RGB Percent	78%, 29%, 56%
CMY	0.2235, 0.7059, 0.4431
CMYK	0.00, 0.62, 0.28, 0.22
HSL	327°, 52%, 54%
HSV	327°, 62%, 78%
XYZ	30.6873, 18.9909, 27.6394
YIQ	119.4150, 51.8010, 46.9130

Conversions

Conversions Part 2

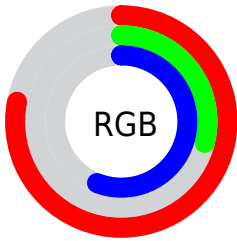
Format	Color
R_{YB}	198, 75, 142
Decimal	12995470
CIE _{Lab}	50.68, 55.61, -11.68
CIE _{LCh}	51, 56.826, 348.144
Yxy	18.9909, 0.3969, 0.2456
Android (android.graphics.Color)	4291185550 (0xFFC64B8E)
YUV	119.4150, 11.1344, 68.9190
Hunter-Lab	43.5786, 49.4341, -7.0993

Details

The RGB color **198, 75, 142** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **75, 198, 131**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 130, 196**, and **140, 6, 92** is the 20% darker color. If you saturate the color by 10%, you get **198, 55, 133**, and if you desaturate by 10%, it is **198, 95, 151**.

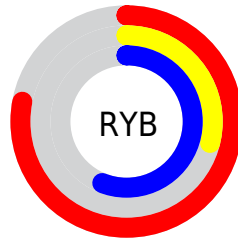
Distribution



Red (78%)

Green (29%)

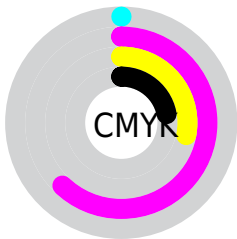
Blue (56%)



Red (78%)

Yellow (29%)

Blue (56%)

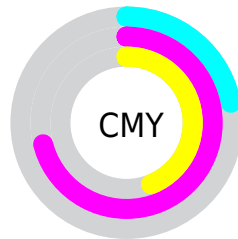


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (71%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 75, 142 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, 75, 142 by changing the saturation by 10% instead.



198, 75, 142



198, 75, 142

255, 255, 255



169, 46, 116



255, 130, 196



140, 6, 92



255, 158, 224



112, 0, 68



255, 186, 252



85, 0, 46



255, 215, 255



60, 0, 26



255, 244, 255



29, 0, 1



0, 0, 0



198, 75, 142




198, 75, 142




198, 55, 133




198, 95, 151

 198, 35, 124

 198, 115, 160

 198, 16, 115

 198, 134, 169

 198, 0, 108

 198, 154, 178

 198, 174, 187

 198, 194, 196

 198, 214, 205

 198, 233, 214

 198, 253, 223

Harmonies

Analogous

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



159, 94, 186



198, 75, 142



207, 74, 93

Triad

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



198, 75, 142



116, 127, 7



0, 140, 192

Complementary

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



198, 75, 142



75, 198, 131

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, 143, 149



198, 75, 142



56, 137, 51

Square

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



198, 75, 142



160, 111, 9



0, 142, 99



0, 132, 216

Rectangle

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



198, 75, 142



200, 84, 63



0, 142, 99



0, 142, 179

Sweetspot

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



198, 75, 142



255, 207, 233



130, 75, 198



128, 98, 114



0, 0, 0



128, 128, 128

Same Dimension

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



198, 75, 142



255, 64, 168



198, 75, 81



99, 90, 95



163, 0, 89



36, 0, 19

Inverse Universe

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



198, 75, 142



255, 64, 168



75, 198, 192



99, 90, 95



163, 0, 89



36, 0, 19

Previews

White Background



This preview shows how the RGB color 198, 75, 142 looks on a white background.

Color Contrast Check

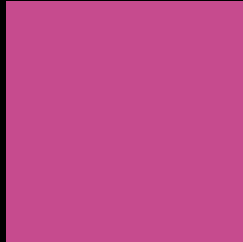
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 142 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, 75, 142 Background



This preview shows how black text looks on a background with the RGB color 198, 75, 142.

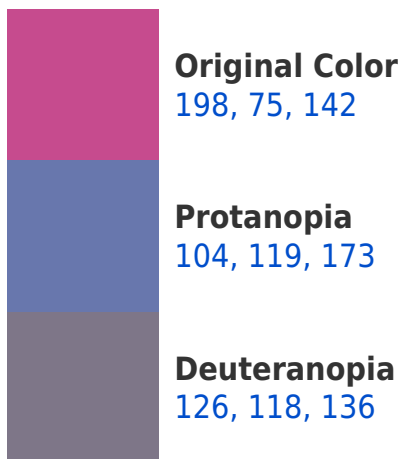


This preview shows how white text looks on a background with the RGB color 198, 75, 142.

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
194, 87, 92

Trichromacy



Original Color

198, 75, 142



Protanomaly

138, 103, 162



Deuteranomaly

152, 102, 138



Tritanomaly

195, 83, 110

Monochromacy



Original Color

198, 75, 142



Achromatopsia

119, 119, 119



Achromatomaly

148, 103, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 75, 142 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, 75, 142) looks like.

```
.text, #text, p{  
    color:rgb(198, 75, 142)  
}
```

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, 75, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 75, 142) }
```

Border

The CSS property to change the border of an element to RGB 198, 75, 142 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, 75, 142) }
```

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

```
.border{ border-color:rgb(198, 75, 142) }
```

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

Here you see how a box with a 4 pixel rgb(198, 75, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 75, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 75, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 75,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 198, 75, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 75, 142) }
```

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

```
.background{ background-color: rgb(198, 75,  
142) }
```

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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