

# Converting Colors

RGB(194, 88, 152)

Have a look what the booklet for  
RGB(194, 88, 152) contains.

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# Color

**RGB(194, 88, 152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C25898
RGB	194, 88, 152
RGB Percent	76%, 35%, 60%
CMY	0.2392, 0.6549, 0.4039
CMYK	0.00, 0.55, 0.22, 0.24
HSL	324°, 46%, 55%
HSV	324°, 55%, 76%
XYZ	31.4054, 20.7158, 32.0491
YIQ	126.9900, 42.6320, 42.3760

# Conversions

## Conversions Part 2

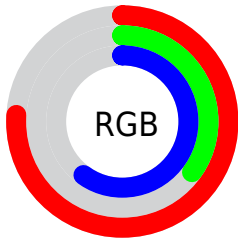
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 88, 152
Decimal	12736664
CIELab	52.64, 49.82, -14.70
CIElCh	53, 51.942, 343.560
Yxy	20.7158, 0.3731, 0.2461
Android (android.graphics.Color)	4290926744 (0xFFC25898)
YUV	126.9900, 12.3299, 58.7678
Hunter-Lab	45.5146, 43.5156, -9.8888

# Details

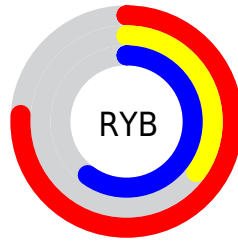
The RGB color **194, 88, 152** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **88, 194, 130**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **253, 142, 206**, and **137, 33, 101** is the 20% darker color. If you saturate the color by 10%, you get **194, 69, 144**, and if you desaturate by 10%, it is **194, 107, 160**.

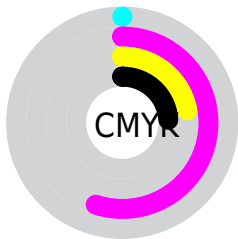
# Distribution



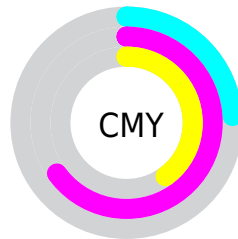
- Red (76%)
- Green (35%)
- Blue (60%)



- Red (76%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (40%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 194, 88, 152 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 194, 88, 152 by changing the saturation by 10% instead.



 194, 88, 152

255, 255, 255

 253, 142, 206

 255, 170, 235

 255, 198, 255

 255, 226, 255

 194, 88, 152

 165, 61, 126

 137, 33, 101

 110, 0, 77

 83, 0, 54

 58, 0, 33


 31, 0, 6

 0, 0, 0

 194, 88, 152

 194, 69, 144

 194, 88, 152

 194, 107, 160

194, 49, 137

194, 127, 167

194, 30, 129

194, 146, 175

194, 10, 121

194, 166, 183

194, 0, 117

194, 185, 190

194, 204, 198

194, 224, 206

194, 243, 213

194, 255, 221

# Harmonies

## Analogous

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



154, 105, 191



194, 88, 152



207, 84, 107

# Triad

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



194, 88, 152



130, 130, 29



0, 145, 186

# Complementary

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



194, 88, 152



88, 194, 130

# 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, 147, 145



194, 88, 152



80, 140, 57

# Square

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



194, 88, 152



169, 114, 35



0, 145, 99



0, 137, 211

# Rectangle

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



194, 88, 152



202, 91, 79



0, 145, 99



0, 146, 174



# Sweetspot

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



194, 88, 152



252, 212, 236



129, 88, 194



128, 103, 118



0, 0, 0



128, 128, 128



# Same Dimension

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



194, 88, 152



252, 86, 186



194, 88, 100



97, 87, 93



161, 0, 97



33, 0, 20



# Inverse Universe

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



194, 88, 152



252, 86, 186



88, 194, 182



97, 87, 93



161, 0, 97



33, 0, 20



# Previews

## White Background



This preview shows how the RGB color 194, 88, 152 looks on a white background.

## Color Contrast Check

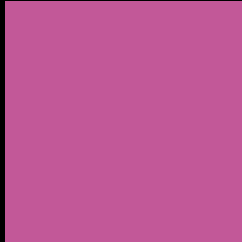
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 88, 152 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 194, 88, 152 Background



This preview shows how black text looks on a background with the RGB color 194, 88, 152.

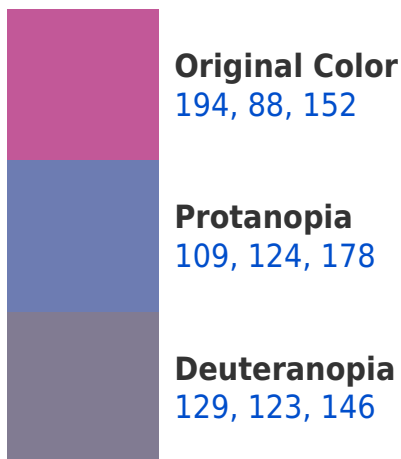


This preview shows how white text looks on a background with the RGB color 194, 88, 152.

# 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](#).

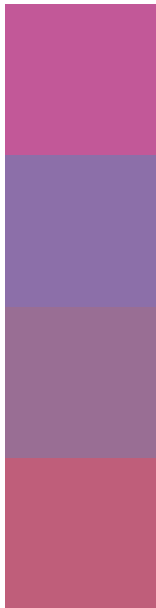
## Dichromacy





**Tritanopia**  
190, 98, 105

# Trichromacy



**Original Color**  
194, 88, 152

**Protanomaly**  
140, 111, 169

**Deuteranomaly**  
153, 110, 148

**Tritanomaly**  
191, 94, 122

# Monochromacy



**Original Color**  
194, 88, 152

**Achromatopsia**  
127, 127, 127

**Achromatomaly**  
151, 113, 136

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 194, 88, 152 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(194, 88, 152)` looks like.

```
.text, #text, p{  
    color:rgb(194, 88, 152)  
}
```

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(194, 88, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 88, 152) }
```

## Border

The CSS property to change the border of an element to RGB 194, 88, 152 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(194, 88, 152) }
```

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

```
.border{ border-color:rgb(194, 88, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 88, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 88, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 88, 152);  
box-shadow:4px 4px 4px 4px rgb(194, 88,  
152) }
```

# Background

The CSS property to change the background color of an element to RGB 194, 88, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 88, 152) }
```

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

```
.background{ background-color: rgb(194, 88,  
152) }
```

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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