

Converting Colors

RGB(200, 98, 154)

Have a look what the booklet for
RGB(200, 98, 154) contains.

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Color

RGB(200, 98, 154)

Conversions

Conversions Part 1

Format	Color
Hex	C8629A
RGB	200, 98, 154
RGB Percent	78%, 38%, 60%
CMY	0.2157, 0.6157, 0.3961
CMYK	0.00, 0.51, 0.23, 0.22
HSL	327°, 48%, 58%
HSV	327°, 51%, 78%
XYZ	34.0198, 23.3478, 33.2854
YIQ	134.8820, 42.8160, 39.0400

Conversions

Conversions Part 2

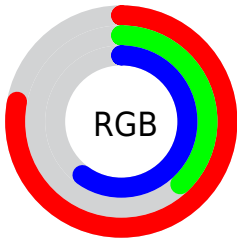
Format	Color
R _Y B	200, 98, 154
Decimal	13132442
CIE Lab	55.43, 47.12, -11.58
CIE LCh	55, 48.523, 346.198
Yxy	23.3478, 0.3753, 0.2576
Android (android.graphics.Color)	4291322522 (0xFFC8629A)
YUV	134.8820, 9.4252, 57.1085
Hunter-Lab	48.3196, 41.1153, -7.0188

Details

The RGB color **200, 98, 154** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **98, 200, 144**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 152, 208**, and **143, 45, 103** is the 20% darker color. If you saturate the color by 10%, you get **200, 78, 145**, and if you desaturate by 10%, it is **200, 118, 163**.

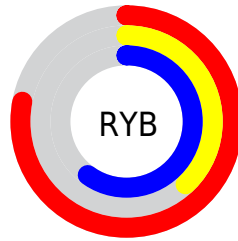
Distribution



Red (78%)

Green (38%)

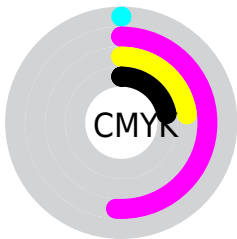
Blue (60%)



Red (78%)

Yellow (38%)

Blue (60%)

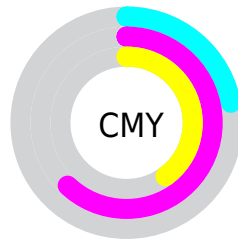


Cyan (0%)

Magenta (51%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 98, 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 200, 98, 154 by changing the saturation by 10% instead.

 200, 98, 154

255, 255, 255


 255, 152, 208


 255, 180, 237


 255, 208, 255

 255, 237, 255

 200, 98, 154

 171, 72, 128

 143, 45, 103

 116, 13, 79

 89, 0, 56

 63, 0, 34


 39, 0, 10


 0, 0, 0

 200, 98, 154


 200, 78, 145


 200, 98, 154


 200, 118, 163


 200, 58, 136


 200, 138, 172


 200, 38, 127

 200, 158, 181

 200, 18, 118

 200, 178, 190

 200, 0, 110

 200, 198, 199

 200, 218, 208

 200, 238, 217

 200, 255, 226

 200, 255, 235

Harmonies

Analogous

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



164, 112, 191



200, 98, 154



211, 96, 112

Triad

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



200, 98, 154



134, 138, 46



0, 151, 193

Complementary

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



200, 98, 154



98, 200, 144

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, 154, 155



200, 98, 154



86, 147, 72

Square

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



200, 98, 154



172, 124, 48



0, 152, 111



0, 143, 214

Rectangle

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



200, 98, 154



205, 103, 85



0, 152, 111



0, 152, 181

Sweetspot

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



200, 98, 154



255, 217, 238



144, 98, 200



128, 105, 117



0, 0, 0



128, 128, 128

Same Dimension

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



200, 98, 154



255, 99, 185



200, 98, 103



99, 90, 95



163, 0, 90



36, 0, 20

Inverse Universe

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



200, 98, 154



255, 99, 185



98, 200, 195



99, 90, 95



163, 0, 90



36, 0, 20

Previews

White Background



This preview shows how the RGB color 200, 98, 154 looks on a white background.

Color Contrast Check

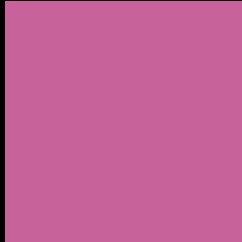
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 98, 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 200, 98, 154 Background



This preview shows how black text looks on a background with the RGB color 200, 98, 154.

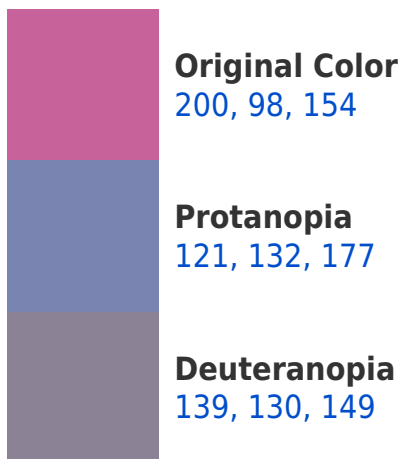



This preview shows how white text looks on a background with the RGB color 200, 98, 154.

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](#).

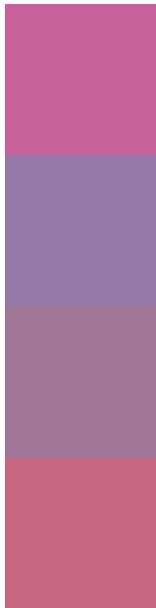
Dichromacy





Tritanopia
196, 106, 114

Trichromacy



Original Color

200, 98, 154

Protanomaly

150, 120, 169

Deuteranomaly

161, 118, 151

Tritanomaly

197, 103, 129

Monochromacy



Original Color

200, 98, 154

Achromatopsia

135, 135, 135

Achromatomaly

159, 122, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 98, 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(200, 98, 154) looks like.

```
.text, #text, p{  
    color:rgb(200, 98, 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(200, 98, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 98, 154) }
```

Border

The CSS property to change the border of an element to RGB 200, 98, 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(200, 98, 154) }
```

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

```
.border{ border-color:rgb(200, 98, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 98, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 98, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 98, 154);  
box-shadow:4px 4px 4px 4px rgb(200, 98,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 200, 98, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 98, 154) }
```

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

```
.background{ background-color: rgb(200, 98,  
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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