

Converting Colors

RGB(202, 99, 148)

Have a look what the booklet for
RGB(202, 99, 148) contains.

RGB(202, 99, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(202, 99, 148)

Conversions

Conversions Part 1

Format	Color
Hex	CA6394
RGB	202, 99, 148
RGB Percent	79%, 39%, 58%
CMY	0.2078, 0.6118, 0.4196
CMYK	0.00, 0.51, 0.27, 0.21
HSL	331°, 49%, 59%
HSV	331°, 51%, 79%
XYZ	34.1643, 23.6184, 30.7751
YIQ	135.3830, 45.6590, 37.0750

Conversions

Conversions Part 2

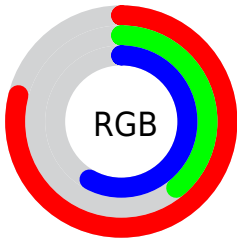
Format	Color
R_{YB}	202, 99, 148
Decimal	13263764
CIE _{Lab}	55.70, 46.44, -7.63
CIE _{LCh}	56, 47.061, 350.674
Yxy	23.6184, 0.3858, 0.2667
Android (android.graphics.Color)	4291453844 (0xFFCA6394)
YUV	135.3830, 6.2202, 58.4231
Hunter-Lab	48.5987, 40.4354, -3.5263

Details

The RGB color **202, 99, 148** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **99, 202, 153**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 153, 202**, and **145, 46, 97** is the 20% darker color. If you saturate the color by 10%, you get **202, 79, 137**, and if you desaturate by 10%, it is **202, 119, 159**.

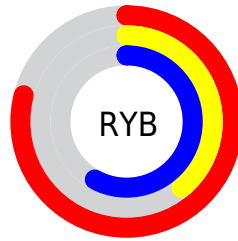
Distribution



Red (79%)

Green (39%)

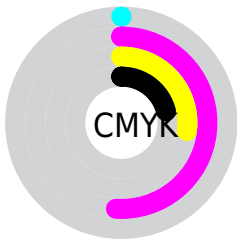
Blue (58%)



Red (79%)

Yellow (39%)

Blue (58%)

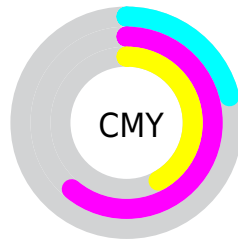


Cyan (0%)

Magenta (51%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (61%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 99, 148 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 202, 99, 148 by changing the saturation by 10% instead.

 202, 99, 148


255, 255, 255

 255, 153, 202

 255, 181, 230


 255, 209, 255


 255, 238, 255

 202, 99, 148

 173, 73, 122

 145, 46, 97

 118, 15, 74

 91, 0, 51

 64, 0, 30


 41, 0, 2

 0, 0, 0

 202, 99, 148

 202, 79, 137

 202, 99, 148

 202, 119, 159

■ 202, 59, 127

■ 202, 139, 169

■ 202, 38, 116

■ 202, 160, 180

■ 202, 18, 106

■ 202, 180, 190

■ 202, 0, 96

■ 202, 200, 201

■ 202, 220, 212

■ 202, 240, 222

■ 202, 255, 233

■ 202, 255, 243

Harmonies

Analogous

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



171, 111, 186



202, 99, 148



209, 99, 107

Triad

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



202, 99, 148



129, 140, 52



0, 150, 196

Complementary

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



202, 99, 148



99, 202, 153

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, 161



202, 99, 148



80, 149, 79

Square

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



202, 99, 148



167, 127, 50



0, 153, 119



0, 142, 214

Rectangle

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



202, 99, 148



202, 107, 82



0, 153, 119



0, 152, 186

Sweetspot

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



202, 99, 148



255, 217, 235



152, 99, 202



128, 105, 115



0, 0, 0



128, 128, 128

Same Dimension

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



202, 99, 148



255, 99, 173



202, 101, 99



102, 92, 97



166, 0, 79



38, 0, 18

Inverse Universe

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



202, 99, 148



255, 99, 173



99, 200, 202



102, 92, 97



166, 0, 79



38, 0, 18

Previews

White Background



This preview shows how the RGB color 202, 99, 148 looks on a white background.

Color Contrast Check

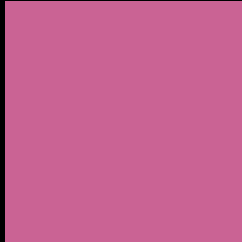
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 99, 148 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 202, 99, 148 Background



This preview shows how black text looks on a background with the RGB color 202, 99, 148.

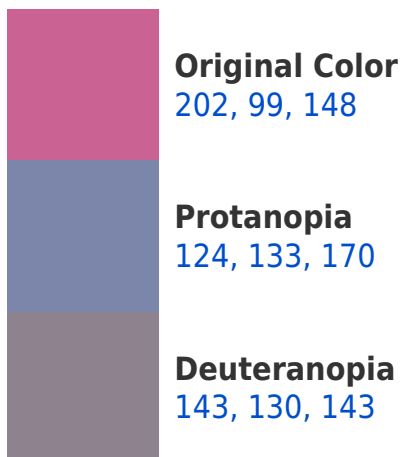


This preview shows how white text looks on a background with the RGB color 202, 99, 148.

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
199, 106, 114

Trichromacy



Original Color

202, 99, 148



Protanomaly

152, 121, 162



Deuteranomaly

164, 119, 145



Tritanomaly

200, 103, 126

Monochromacy



Original Color

202, 99, 148



Achromatopsia

135, 135, 135



Achromatomaly

159, 122, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 99, 148 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(202, 99, 148)` looks like.

```
.text, #text, p{  
    color:rgb(202, 99, 148)  
}
```

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(202, 99, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 99, 148) }
```

Border

The CSS property to change the border of an element to RGB 202, 99, 148 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(202, 99, 148) }
```

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

```
.border{ border-color:rgb(202, 99, 148) }
```

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

Here you see how a box with a 4 pixel rgb(202, 99, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 99, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 99, 148);  
box-shadow:4px 4px 4px 4px rgb(202, 99,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 202, 99, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 99, 148) }
```

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

```
.background{ background-color: rgb(202, 99,  
148) }
```

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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