

Converting Colors

RGB(204, 92, 148)

Have a look what the booklet for
RGB(204, 92, 148) contains.

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Color

RGB(204, 92, 148)

Conversions

Conversions Part 1

Format	Color
Hex	CC5C94
RGB	204, 92, 148
RGB Percent	80%, 36%, 58%
CMY	0.2000, 0.6392, 0.4196
CMYK	0.00, 0.55, 0.27, 0.20
HSL	330°, 52%, 58%
HSV	330°, 55%, 80%
XYZ	34.0743, 22.6298, 30.5890
YIQ	131.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

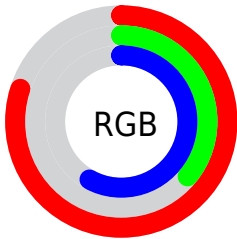
Format	Color
R_{YB}	204, 92, 148
Decimal	13393044
CIE _{Lab}	54.69, 50.50, -9.11
CIE _{LCh}	55, 51.316, 349.773
Yxy	22.6298, 0.3903, 0.2592
Android (android.graphics.Color)	4291583124 (0xFFCC5C94)
YUV	131.8720, 7.9511, 63.2563
Hunter-Lab	47.5708, 44.6082, -4.8252

Details

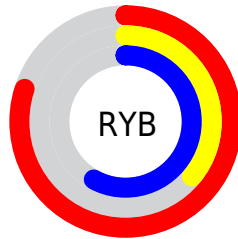
The RGB color **204, 92, 148** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **92, 204, 148**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 146, 202**, and **147, 37, 97** is the 20% darker color. If you saturate the color by 10%, you get **204, 72, 138**, and if you desaturate by 10%, it is **204, 112, 158**.

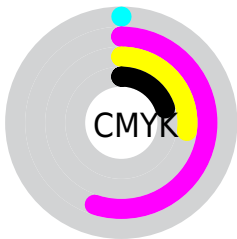
Distribution



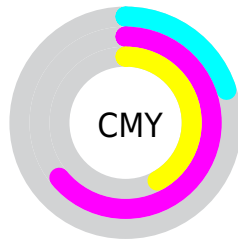
- Red (80%)
- Green (36%)
- Blue (58%)



- Red (80%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (55%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 92, 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 204, 92, 148 by changing the saturation by 10% instead.



204, 92, 148



204, 92, 148

255, 255, 255



175, 65, 122



255, 146, 202



147, 37, 97



255, 174, 230



119, 0, 74



255, 202, 255



91, 0, 51



255, 231, 255



65, 0, 30



41, 0, 1



0, 0, 0



204, 92, 148




204, 92, 148



204, 72, 138




204, 112, 158

 204, 51, 128

 204, 133, 168

 204, 31, 117

 204, 153, 179

 204, 10, 107

 204, 174, 189

 204, 0, 102

 204, 194, 199

 204, 214, 209

 204, 235, 219

 204, 255, 230

 204, 255, 240

Harmonies

Analogous

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



170, 107, 189



204, 92, 148



212, 92, 103

Triad

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



204, 92, 148



126, 137, 40



0, 149, 198

Complementary

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



204, 92, 148



92, 204, 148

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, 152, 160



204, 92, 148



73, 147, 71

Square

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



204, 92, 148



167, 123, 38



0, 151, 114



0, 140, 218

Rectangle

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



204, 92, 148



205, 100, 76



0, 151, 114



0, 151, 187

Sweetspot

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



204, 92, 148



255, 214, 235



148, 92, 204



128, 103, 115



0, 0, 0



128, 128, 128

Same Dimension

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



204, 92, 148



255, 87, 171



204, 92, 92



102, 92, 97



166, 0, 83



38, 0, 19

Inverse Universe

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



204, 92, 148



255, 87, 171



92, 204, 204



102, 92, 97



166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RGB color 204, 92, 148 looks on a white background.

Color Contrast Check

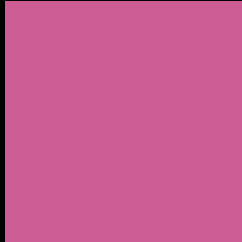
Large Text (above 18pt) WCAG AA ✓ Pass

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 204, 92, 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 204, 92, 148 Background



This preview shows how black text looks on a background with the RGB color 204, 92, 148.

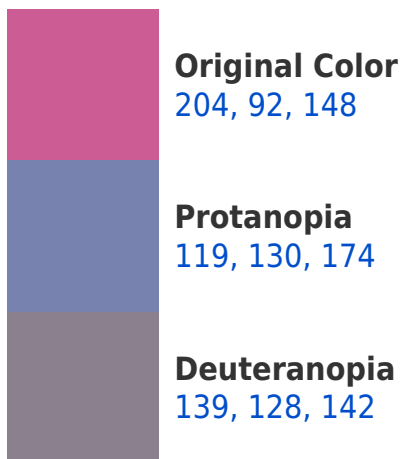



This preview shows how white text looks on a background with the RGB color 204, 92, 148.

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
200, 100, 108

Trichromacy



Original Color

204, 92, 148



Protanomaly

150, 116, 165



Deuteranomaly

163, 115, 144



Tritanomaly

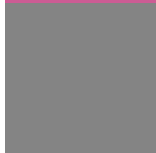
201, 97, 123

Monochromacy



Original Color

204, 92, 148



Achromatopsia

132, 132, 132



Achromatomaly

158, 117, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 92, 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(204, 92, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 92, 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(204, 92, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 92, 148) }
```

Border

The CSS property to change the border of an element to RGB 204, 92, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

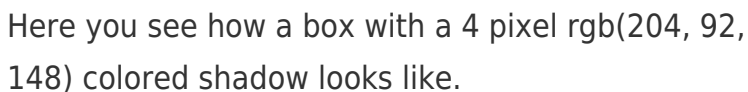
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 92, 148) }
```

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

```
.border{ border-color:rgb(204, 92, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 92, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 92, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 92, 148); box-shadow:4px 4px 4px 4px rgb(204, 92, 148) }
```

Background

The CSS property to change the background color of an element to RGB 204, 92, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 92, 148) }
```

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

```
.background{ background-color: rgb(204, 92,  
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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