

Converting Colors

RGB(204, 90, 136)

Have a look what the booklet for
RGB(204, 90, 136) contains.

RGB(204, 90, 136)	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(204, 90, 136)

Conversions

Conversions Part 1

Format	Color
Hex	CC5A88
RGB	204, 90, 136
RGB Percent	80%, 35%, 53%
CMY	0.2000, 0.6471, 0.4667
CMYK	0.00, 0.56, 0.33, 0.20
HSL	336°, 53%, 58%
HSV	336°, 56%, 80%
XYZ	33.0019, 21.9273, 25.7855
YIQ	129.3300, 53.1780, 38.4740

Conversions

Conversions Part 2

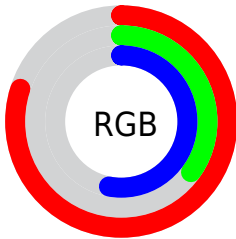
Format	Color
R_{YB}	204, 90, 136
Decimal	13392520
CIE _{Lab}	53.95, 49.92, -3.13
CIE _{LCh}	54, 50.019, 356.407
Yxy	21.9273, 0.4089, 0.2717
Android (android.graphics.Color)	4291582600 (0xFFCC5A88)
YUV	129.3300, 3.2883, 65.4856
Hunter-Lab	46.8266, 43.8549, 0.1299

Details

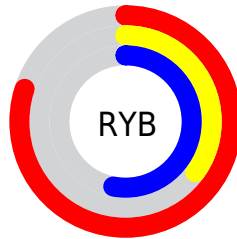
The RGB color **204, 90, 136** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **90, 204, 158**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 144, 189**, and **146, 34, 86** is the 20% darker color. If you saturate the color by 10%, you get **204, 70, 124**, and if you desaturate by 10%, it is **204, 110, 148**.

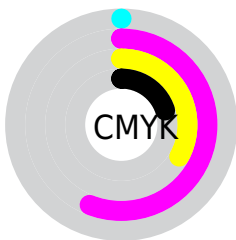
Distribution



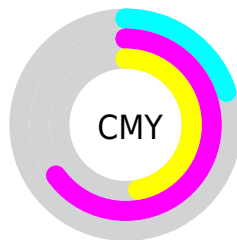
- Red (80%)
- Green (35%)
- Blue (53%)



- Red (80%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 90, 136 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, 90, 136 by changing the saturation by 10% instead.

 204, 90, 136

 204, 90, 136

255, 255, 255

 175, 63, 111

 255, 144, 189

 146, 34, 86

 255, 172, 217

 118, 0, 63

 255, 200, 245

 91, 0, 41

 255, 229, 255


 64, 0, 21

 37, 0, 1

 0, 0, 0

 204, 90, 136

 204, 90, 136

 204, 70, 124

 204, 110, 148

 204, 49, 112

 204, 131, 160

 204, 29, 99

 204, 151, 173

 204, 8, 87

 204, 172, 185

 204, 0, 82

 204, 192, 197

 204, 212, 209

 204, 233, 221

 204, 253, 233

 204, 255, 246

Harmonies

Analogous

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



177, 102, 177



204, 90, 136



207, 94, 93

Triad

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



204, 90, 136



115, 138, 46



0, 145, 200

Complementary

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



204, 90, 136



90, 204, 158

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, 150, 166



204, 90, 136



57, 146, 79

Square

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



204, 90, 136



157, 125, 36



0, 150, 122



0, 135, 215

Rectangle

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



204, 90, 136



197, 103, 68



0, 150, 122



0, 147, 191

Sweetspot

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



204, 90, 136



255, 212, 229



156, 90, 204



128, 102, 112



0, 0, 0



128, 128, 128

Same Dimension

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



204, 90, 136



255, 84, 153



204, 100, 90



102, 92, 96



166, 0, 67



38, 0, 15

Inverse Universe

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



204, 90, 136



255, 84, 153



90, 195, 204



102, 92, 96



166, 0, 67



38, 0, 15

Previews

White Background



This preview shows how the RGB color 204, 90, 136 looks on a white background.

Color Contrast Check

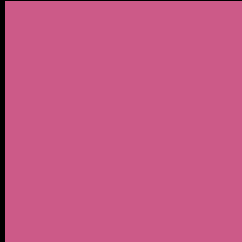
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 136 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, 90, 136 Background



This preview shows how black text looks on a background with the RGB color 204, 90, 136.

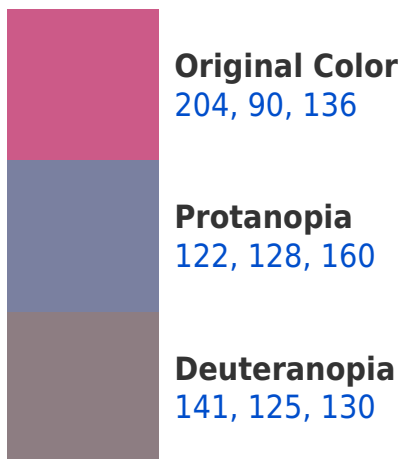


This preview shows how white text looks on a background with the RGB color 204, 90, 136.

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
201, 97, 103

Trichromacy



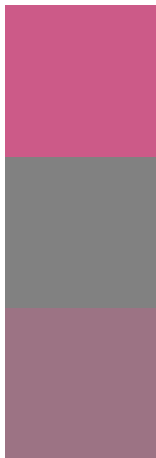
Original Color
204, 90, 136

Protanomaly
152, 114, 151

Deuteranomaly
164, 112, 132

Tritanomaly
202, 94, 115

Monochromacy



Original Color
204, 90, 136

Achromatopsia
129, 129, 129

Achromatomaly
156, 115, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 90, 136 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, 90, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 90, 136)  
}
```

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, 90, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 90, 136) }
```

Border

The CSS property to change the border of an element to RGB 204, 90, 136 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, 90, 136) }
```

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

```
.border{ border-color:rgb(204, 90, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 90, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 90, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 90, 136); box-shadow:4px 4px 4px 4px rgb(204, 90, 136) }
```

Background

The CSS property to change the background color of an element to RGB 204, 90, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 90, 136) }
```

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

```
.background{ background-color: rgb(204, 90,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor