

Converting Colors

RGB(203, 90, 164)

Have a look what the booklet for
RGB(203, 90, 164) contains.

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Color

RGB(203, 90, 164)

Conversions

Conversions Part 1

Format	Color
Hex	CB5AA4
RGB	203, 90, 164
RGB Percent	80%, 35%, 64%
CMY	0.2039, 0.6471, 0.3569
CMYK	0.00, 0.56, 0.19, 0.20
HSL	321°, 52%, 57%
HSV	321°, 56%, 80%
XYZ	34.9856, 22.6892, 37.6575
YIQ	132.2230, 43.5940, 46.9700

Conversions

Conversions Part 2

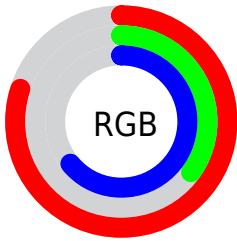
Format	Color
R_{YB}	203, 90, 164
Decimal	13327012
CIE _{Lab}	54.75, 53.37, -18.40
CIE _{LCh}	55, 56.457, 340.976
Yxy	22.6892, 0.3670, 0.2380
Android (android.graphics.Color)	4291517092 (0xFFCB5AA4)
YUV	132.2230, 15.6661, 62.0714
Hunter-Lab	47.6332, 47.7467, -13.5298

Details

The RGB color **203, 90, 164** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **90, 203, 129**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 145, 219**, and **146, 33, 112** is the 20% darker color. If you saturate the color by 10%, you get **203, 70, 157**, and if you desaturate by 10%, it is **203, 110, 171**.

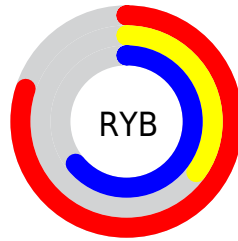
Distribution



Red (80%)

Green (35%)

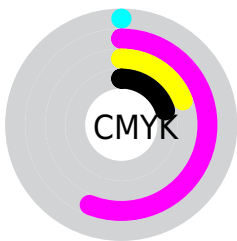
Blue (64%)



Red (80%)

Yellow (35%)

Blue (64%)

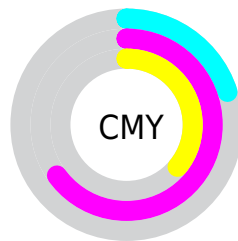


Cyan (0%)

Magenta (56%)

Yellow (19%)

Black (20%)



Cyan (20%)


Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 90, 164 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 203, 90, 164 by changing the saturation by 10% instead.

 203, 90, 164


255, 255, 255

 255, 145, 219

 255, 172, 248

 255, 201, 255


 255, 230, 255

 203, 90, 164

 174, 63, 138

 146, 33, 112

 118, 0, 88

 91, 0, 64

 65, 0, 42


 40, 0, 21

 0, 0, 0

 203, 90, 164

 203, 70, 157

 203, 90, 164

 203, 110, 171

■ 203, 49, 150

■ 203, 131, 178

■ 203, 29, 143

■ 203, 151, 185

■ 203, 9, 136

■ 203, 171, 192

■ 203, 0, 133

■ 203, 192, 199

■ 203, 212, 206

■ 203, 232, 213

■ 203, 252, 220

■ 203, 255, 227

Harmonies

Analogous

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



156, 110, 205



203, 90, 164



219, 84, 115

Triad

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



203, 90, 164



139, 134, 20



0, 152, 194

Complementary

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



203, 90, 164



90, 203, 129

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, 148



203, 90, 164



85, 146, 52

Square

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



203, 90, 164



181, 117, 32



0, 152, 97



0, 145, 223

Rectangle

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



203, 90, 164



216, 91, 84



0, 152, 97



0, 153, 180

Sweetspot

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



203, 90, 164



255, 212, 240



128, 90, 203



128, 102, 119



0, 0, 0



128, 128, 128

Same Dimension

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



203, 90, 164



255, 84, 196



203, 90, 109



102, 92, 98



166, 0, 109



38, 0, 25

Inverse Universe

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



203, 90, 164



255, 84, 196



90, 203, 184



102, 92, 98



166, 0, 109



38, 0, 25

Previews

White Background



This preview shows how the RGB color 203, 90, 164 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 203, 90, 164 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 203, 90, 164 Background



This preview shows how black text looks on a background with the RGB color 203, 90, 164.

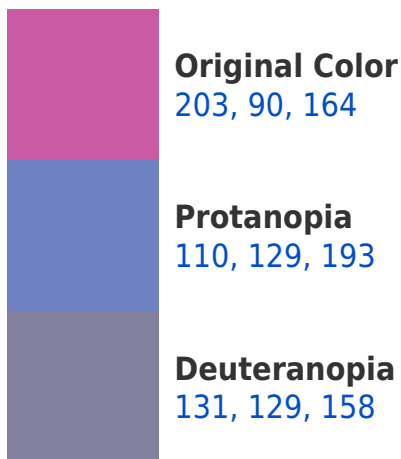



This preview shows how white text looks on a background with the RGB color 203, 90, 164.

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
198, 102, 110

Trichromacy



Original Color

203, 90, 164



Protanomaly

144, 115, 182



Deuteranomaly

157, 115, 160



Tritanomaly

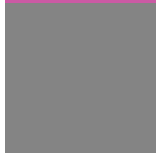
200, 98, 130

Monochromacy



Original Color

203, 90, 164



Achromatopsia

132, 132, 132



Achromatomaly

158, 117, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 90, 164 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(203, 90, 164) looks like.

```
.text, #text, p{  
    color:rgb(203, 90, 164)  
}
```

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(203, 90, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 90, 164) }
```

Border

The CSS property to change the border of an element to RGB 203, 90, 164 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(203, 90, 164) }
```

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

```
.border{ border-color:rgb(203, 90, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 90, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 90, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 90, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 90,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 203, 90, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 90, 164) }
```

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

```
.background{ background-color: rgb(203, 90,  
164) }
```

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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