

Converting Colors

RGB(216, 90, 164)

Have a look what the booklet for
RGB(216, 90, 164) contains.

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Color

RGB(216, 90, 164)

Conversions

Conversions Part 1

Format	Color
Hex	D85AA4
RGB	216, 90, 164
RGB Percent	85%, 35%, 64%
CMY	0.1529, 0.6471, 0.3569
CMYK	0.00, 0.58, 0.24, 0.15
HSL	325°, 62%, 60%
HSV	325°, 58%, 85%
XYZ	38.6759, 24.5916, 37.8302
YIQ	136.1100, 51.3420, 49.7260

Conversions

Conversions Part 2

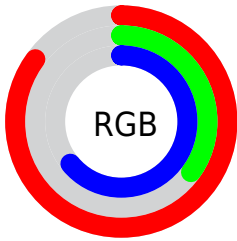
Format	Color
R _{YB}	216, 90, 164
Decimal	14178980
CIE Lab	56.68, 57.26, -15.30
CIE LCh	57, 59.267, 345.040
Yxy	24.5916, 0.3826, 0.2432
Android (android.graphics.Color)	4292369060 (0xFFD85AA4)
YUV	136.1100, 13.7498, 70.0635
Hunter-Lab	49.5899, 52.4324, -10.5170

Details

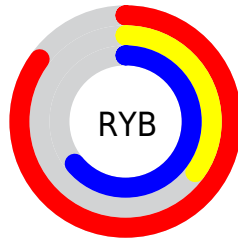
The RGB color **216, 90, 164** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **90, 216, 142**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **255, 145, 219**, and **158, 30, 112** is the 20% darker color. If you saturate the color by 10%, you get **216, 68, 155**, and if you desaturate by 10%, it is **216, 112, 173**.

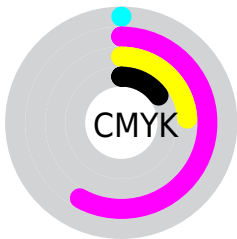
Distribution



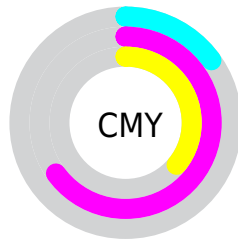
- Red (85%)
- Green (35%)
- Blue (64%)



- Red (85%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (15%)



- Cyan (15%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 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 216, 90, 164 by changing the saturation by 10% instead.



216, 90, 164



216, 90, 164

255, 255, 255



187, 62, 138



255, 145, 219



158, 30, 112



255, 174, 248



130, 0, 88



255, 202, 255



102, 0, 64



255, 231, 255



75, 0, 42



49, 0, 21



0, 0, 0



216, 90, 164



216, 90, 164



216, 68, 155



216, 112, 173

216, 47, 146

216, 133, 182

216, 25, 137

216, 155, 191

216, 4, 128

216, 176, 200

216, 0, 127

216, 198, 209

216, 220, 217

216, 241, 226

216, 255, 235

216, 255, 244

Harmonies

Analogous

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



171, 111, 209



216, 90, 164



229, 86, 112

Triad

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



216, 90, 164



137, 141, 19



0, 158, 208

Complementary

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



216, 90, 164



90, 216, 142

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, 160, 161



216, 90, 164



77, 153, 58

Square

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



216, 90, 164



183, 124, 26



0, 159, 107



0, 149, 236

Rectangle

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



216, 90, 164



223, 96, 80



0, 159, 107



0, 159, 194

Sweetspot

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



216, 90, 164



255, 209, 236



140, 90, 216



128, 99, 116



0, 0, 0



128, 128, 128

Same Dimension

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



216, 90, 164



255, 77, 181



216, 90, 103



107, 96, 103



171, 0, 100



43, 0, 25

Inverse Universe

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



216, 90, 164



255, 77, 181



90, 216, 203



107, 96, 103



171, 0, 100



43, 0, 25

Previews

White Background



This preview shows how the RGB color 216, 90, 164 looks on a white background.

Color Contrast Check

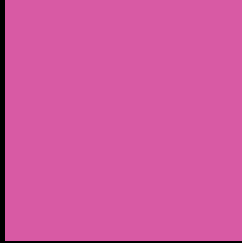
Large Text (above 18pt) WCAG AA ✓ Pass

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 216, 90, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

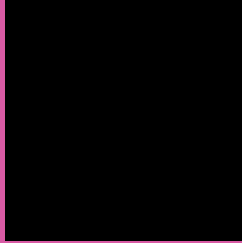
Any Text WCAG AA ✓ Pass

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 216, 90, 164 Background



This preview shows how black text looks on a background with the RGB color 216, 90, 164.

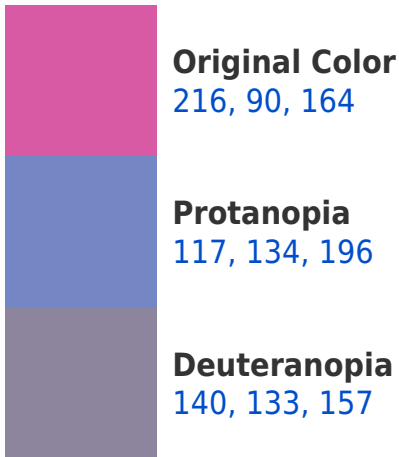


This preview shows how white text looks on a background with the RGB color 216, 90, 164.

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
211, 102, 110

Trichromacy



Original Color

216, 90, 164



Protanomaly

153, 118, 184



Deuteranomaly

168, 117, 160



Tritanomaly

213, 98, 130

Monochromacy



Original Color

216, 90, 164



Achromatopsia

136, 136, 136



Achromatomaly

165, 119, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 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(216, 90, 164) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 90, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 164) }
```

Border

The CSS property to change the border of an element to RGB 216, 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(216, 90, 164) }
```

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

```
.border{ border-color:rgb(216, 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(216, 90, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 164);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 216, 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(216, 90, 164) }
```

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

```
.background{ background-color: rgb(216, 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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