

Converting Colors

RGB(216, 120, 217)

Have a look what the booklet for
RGB(216, 120, 217) contains.

RGB(216, 120, 217)	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(216, 120, 217)

Conversions

Conversions Part 1

Format	Color
Hex	D878D9
RGB	216, 120, 217
RGB Percent	85%, 47%, 85%
CMY	0.1529, 0.5294, 0.1490
CMYK	0.00, 0.45, 0.00, 0.15
HSL	299°, 56%, 66%
HSV	299°, 45%, 85%
XYZ	47.5598, 33.0416, 69.5166
YIQ	159.7620, 26.0790, 50.5190

Conversions

Conversions Part 2

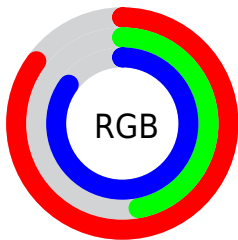
Format	Color
RYB	216, 120, 217
Decimal	14186713
CIELab	64.19, 51.28, -33.95
CIElCh	64, 61.503, 326.496
Yxy	33.0416, 0.3168, 0.2201
Android (android.graphics.Color)	4292376793 (0xFFD878D9)
YUV	159.7620, 28.2183, 49.3207
Hunter-Lab	57.4818, 47.0954, -31.4661

Details

The RGB color **216, 120, 217** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **121, 217, 120**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 175, 255**, and **159, 67, 162** is the 20% darker color. If you saturate the color by 10%, you get **216, 98, 217**, and if you desaturate by 10%, it is **216, 142, 217**.

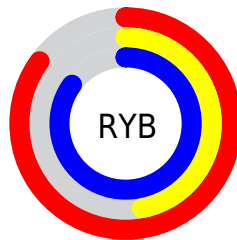
Distribution



Red (85%)

Green (47%)

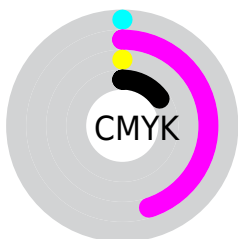
Blue (85%)



Red (85%)

Yellow (47%)

Blue (85%)

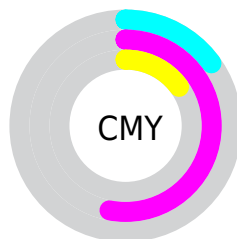


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (53%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 120, 217 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, 120, 217 by changing the saturation by 10% instead.

 216, 120, 217

 216, 120, 217

255, 255, 255

 187, 93, 189

 255, 175, 255

 159, 67, 162

 255, 203, 255

 132, 39, 135

 255, 232, 255

 105, 3, 110

 78, 0, 85

 53, 0, 61

 28, 0, 39


 0, 1, 15

 0, 0, 0

 216, 120, 217


 216, 120, 217


 216, 98, 217

 216, 142, 217

 216, 77, 217


 216, 163, 217

 215, 55, 217


 217, 185, 217

 215, 33, 217

 217, 207, 217

 215, 11, 217

 217, 229, 217

 215, 0, 217

 217, 250, 217

 218, 255, 217

 218, 255, 217

 218, 255, 217

Harmonies

Analogous

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



145, 144, 254



216, 120, 217



250, 104, 164

Triad

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



216, 120, 217



190, 151, 34



0, 181, 203

Complementary

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



216, 120, 217



121, 217, 120

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, 181, 147



216, 120, 217



136, 167, 48

Square

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



216, 120, 217



231, 129, 63



59, 177, 92



0, 176, 246

Rectangle

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



216, 120, 217



255, 105, 128



59, 177, 92



0, 182, 185

Sweetspot

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



216, 120, 217



255, 222, 255



120, 122, 217



127, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 120, 217



254, 117, 255



217, 120, 170



110, 99, 110



172, 0, 173



45, 0, 46

Inverse Universe

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



217, 120, 121



255, 117, 119



120, 217, 167



110, 99, 99



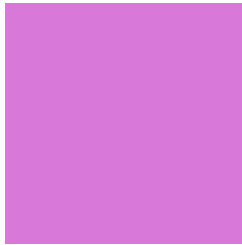
173, 0, 2



46, 0, 0

Previews

White Background



This preview shows how the RGB color 216, 120, 217 looks on a white background.

Color Contrast Check

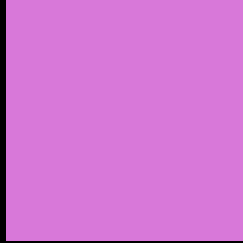
Large Text (above 18pt) WCAG AA × Fail

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, 120, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

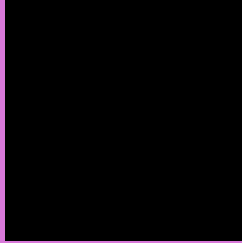
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 216, 120, 217 Background



This preview shows how black text looks on a background with the RGB color 216, 120, 217.

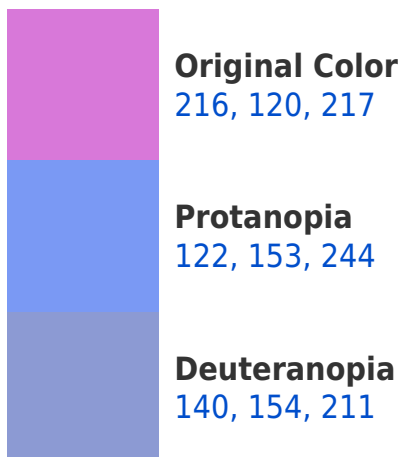



This preview shows how white text looks on a background with the RGB color 216, 120, 217.

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
207, 136, 146

Trichromacy



Original Color

216, 120, 217



Protanomaly

156, 141, 234



Deuteranomaly

168, 142, 213



Tritanomaly

210, 130, 172

Monochromacy



Original Color

216, 120, 217



Achromatopsia

160, 160, 160



Achromatomaly

180, 145, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 120, 217 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, 120, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 120, 217)  
}
```

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, 120, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 120, 217) }
```

Border

The CSS property to change the border of an element to RGB 216, 120, 217 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, 120, 217) }
```

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

```
.border{ border-color:rgb(216, 120, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 120, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 120, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 120, 217); box-shadow:4px 4px 4px 4px rgb(216, 120, 217) }
```

Background

The CSS property to change the background color of an element to RGB 216, 120, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 120, 217) }
```

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

```
.background{ background-color: rgb(216,  
120, 217) }
```

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