

Converting Colors

RGB(217, 102, 176)

Have a look what the booklet for
RGB(217, 102, 176) contains.

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Color

RGB(217, 102, 176)

Conversions

Conversions Part 1

Format	Color
Hex	D966B0
RGB	217, 102, 176
RGB Percent	85%, 40%, 69%
CMY	0.1490, 0.6000, 0.3098
CMYK	0.00, 0.53, 0.19, 0.15
HSL	321°, 60%, 63%
HSV	321°, 53%, 85%
XYZ	41.2031, 27.3890, 44.1893
YIQ	144.8210, 44.7860, 47.3940

Conversions

Conversions Part 2

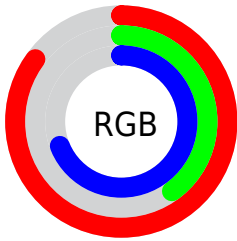
Format	Color
RYB	217, 102, 176
Decimal	14247600
CIELab	59.33, 53.70, -18.19
CIELCh	59, 56.701, 341.287
Yxy	27.3890, 0.3653, 0.2429
Android (android.graphics.Color)	4292437680 (0xFFD966B0)
YUV	144.8210, 15.3712, 63.3010
Hunter-Lab	52.3345, 48.9480, -13.4280

Details

The RGB color **217, 102, 176** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **102, 217, 143**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 157, 232**, and **159, 47, 123** is the 20% darker color. If you saturate the color by 10%, you get **217, 80, 168**, and if you desaturate by 10%, it is **217, 124, 184**.

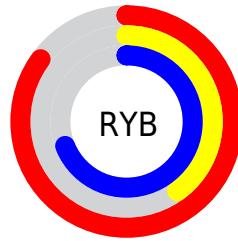
Distribution



Red (85%)

Green (40%)

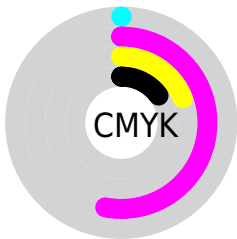
Blue (69%)



Red (85%)

Yellow (40%)

Blue (69%)

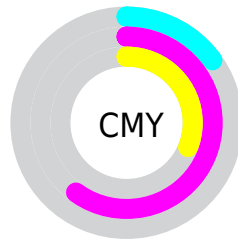


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 102, 176 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 217, 102, 176 by changing the saturation by 10% instead.

 217, 102, 176

 217, 102, 176


255, 255, 255

 188, 75, 149

 255, 157, 232

 159, 47, 123

 255, 185, 255

 131, 10, 98

 255, 214, 255

 104, 0, 74

 255, 243, 255


 77, 0, 52

 54, 0, 31

 18, 0, 0

 0, 0, 0

 217, 102, 176

 217, 102, 176

■ 217, 80, 168

■ 217, 124, 184

■ 217, 59, 161

■ 217, 145, 191

■ 217, 37, 153

■ 217, 167, 199

■ 217, 15, 145

■ 217, 189, 207

■ 217, 0, 140

■ 217, 211, 215

■ 217, 232, 222

■ 217, 254, 230

■ 217, 255, 238

■ 217, 255, 246

Harmonies

Analogous

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



170, 121, 218



217, 102, 176



234, 96, 126

Triad

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



217, 102, 176



151, 146, 34



0, 165, 207

Complementary

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



217, 102, 176



102, 217, 143

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, 167, 161



217, 102, 176



96, 158, 63

Square

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



217, 102, 176



194, 129, 44



0, 165, 109



0, 157, 237

Rectangle

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



217, 102, 176



230, 103, 94



0, 165, 109



0, 166, 193

Sweetspot

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



217, 102, 176



255, 214, 240



142, 102, 217



128, 103, 119



0, 0, 0



128, 128, 128

Same Dimension

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



217, 102, 176



255, 92, 197



217, 102, 119



110, 99, 106



173, 0, 112



46, 0, 30

Inverse Universe

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



217, 102, 176



255, 92, 197



102, 217, 200



110, 99, 106



173, 0, 112



46, 0, 30

Previews

White Background



This preview shows how the RGB color 217, 102, 176 looks on a white background.

Color Contrast Check

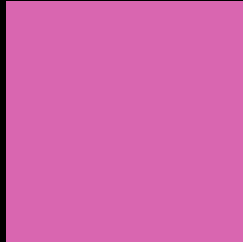
Large Text (above 18pt) WCAG AA ✓ Pass

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 217, 102, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

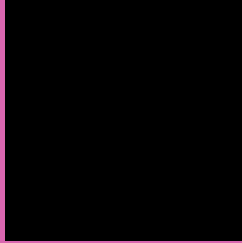
Any Text WCAG AA ✓ Pass

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 217, 102, 176 Background



This preview shows how black text looks on a background with the RGB color 217, 102, 176.



This preview shows how white text looks on a background with the RGB color 217, 102, 176.

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



Original Color
217, 102, 176

Protanopia
123, 141, 205

Deuteranopia
144, 140, 170



Tritanopia
212, 114, 122

Trichromacy



Original Color

217, 102, 176



Protanomaly

157, 127, 194



Deuteranomaly

171, 126, 172



Tritanomaly

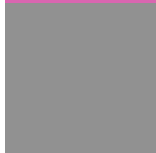
214, 110, 142

Monochromacy



Original Color

217, 102, 176



Achromatopsia

145, 145, 145



Achromatomaly

171, 129, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 102, 176 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(217, 102, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 102, 176)  
}
```

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(217, 102, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 102, 176) }
```

Border

The CSS property to change the border of an element to RGB 217, 102, 176 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(217, 102, 176) }
```

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

```
.border{ border-color:rgb(217, 102, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 102, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 102, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 102, 176); box-shadow:4px 4px 4px 4px rgb(217, 102, 176) }
```

Background

The CSS property to change the background color of an element to RGB 217, 102, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 102, 176) }
```

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

```
.background{ background-color: rgb(217,  
102, 176) }
```

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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