

Converting Colors

RGB(218, 109, 188)

Have a look what the booklet for
RGB(218, 109, 188) contains.

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Color

RGB(218, 109, 188)

Conversions

Conversions Part 1

Format	Color
Hex	DA6DBC
RGB	218, 109, 188
RGB Percent	85%, 43%, 74%
CMY	0.1451, 0.5725, 0.2627
CMYK	0.00, 0.50, 0.14, 0.15
HSL	317°, 60%, 64%
HSV	317°, 50%, 85%
XYZ	43.4592, 29.4735, 50.9754
YIQ	150.5970, 39.6050, 47.6770

Conversions

Conversions Part 2

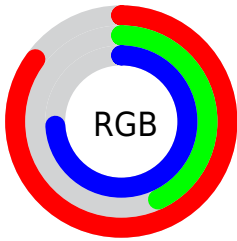
Format	Color
R _Y B	218, 109, 188
Decimal	14314940
CIE Lab	61.20, 52.45, -22.20
CIE LCh	61, 56.955, 337.061
Yxy	29.4735, 0.3507, 0.2379
Android (android.graphics.Color)	4292505020 (0xFFDA6DBC)
YUV	150.5970, 18.4397, 59.1124
Hunter-Lab	54.2895, 47.8839, -17.6679

Details

The RGB color **218, 109, 188** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **109, 218, 139**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 164, 244**, and **161, 55, 135** is the 20% darker color. If you saturate the color by 10%, you get **218, 87, 182**, and if you desaturate by 10%, it is **218, 131, 194**.

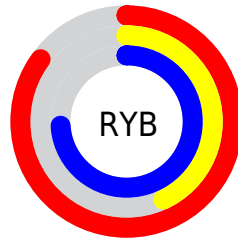
Distribution



Red (85%)

Green (43%)

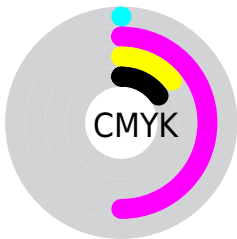
Blue (74%)



Red (85%)

Yellow (43%)

Blue (74%)

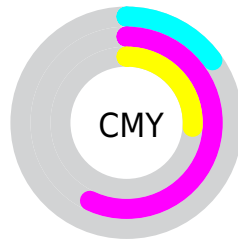


Cyan (0%)

Magenta (50%)

Yellow (14%)

Black (15%)



Cyan (15%)

Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 109, 188 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 218, 109, 188 by changing the saturation by 10% instead.

 218, 109, 188

255, 255, 255

 255, 164, 244


 255, 192, 255

 255, 221, 255

 255, 250, 255

 218, 109, 188

 189, 82, 161

 161, 55, 135

 133, 24, 109

 106, 0, 85

 79, 0, 61

 55, 0, 39

 24, 0, 16

 0, 0, 0

 218, 109, 188

 218, 109, 188

■ 218, 87, 182

■ 218, 131, 194

■ 218, 65, 176

■ 218, 153, 200

■ 218, 44, 170

■ 218, 174, 206

■ 218, 22, 164

■ 218, 196, 212

■ 218, 0, 158

■ 218, 218, 218

■ 218, 240, 224

■ 218, 255, 230

■ 218, 255, 236

■ 218, 255, 242

Harmonies

Analogous

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



166, 129, 229



218, 109, 188



239, 101, 138

Triad

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



218, 109, 188



163, 149, 38



0, 171, 207

Complementary

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



218, 109, 188



109, 218, 139

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, 172, 159



218, 109, 188



110, 162, 62

Square

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



218, 109, 188



205, 131, 52



0, 169, 106



0, 163, 240

Rectangle

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



218, 109, 188



238, 106, 105



0, 169, 106



0, 172, 192

Sweetspot

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



218, 109, 188



255, 217, 244



138, 109, 218



128, 105, 121



0, 0, 0



128, 128, 128

Same Dimension

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



218, 109, 188



255, 102, 213



218, 109, 134



110, 99, 107



173, 0, 126



46, 0, 33

Inverse Universe

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



218, 109, 188



255, 102, 213



109, 218, 193



110, 99, 107



173, 0, 126



46, 0, 33

Previews

White Background



This preview shows how the RGB color 218, 109, 188 looks on a white background.

Color Contrast Check

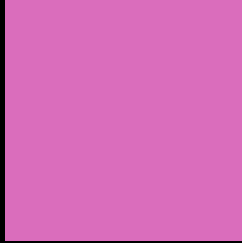
Large Text (above 18pt) WCAG AA ✓ Pass

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 218, 109, 188 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 218, 109, 188 Background



This preview shows how black text looks on a background with the RGB color 218, 109, 188.

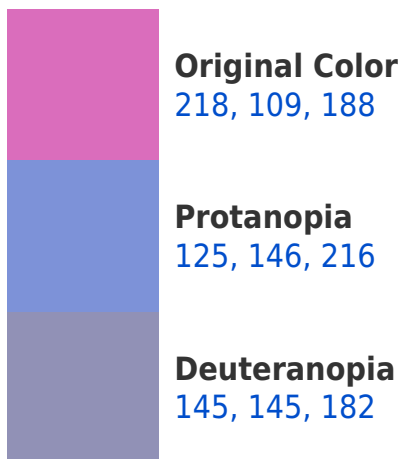


This preview shows how white text looks on a background with the RGB color 218, 109, 188.

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
212, 122, 131

Trichromacy



Original Color

218, 109, 188



Protanomaly

159, 133, 206



Deuteranomaly

172, 132, 184



Tritanomaly

214, 117, 152

Monochromacy



Original Color

218, 109, 188



Achromatopsia

151, 151, 151



Achromatomaly

175, 136, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 109, 188 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(218, 109, 188) looks like.

```
.text, #text, p{  
    color:rgb(218, 109, 188)  
}
```

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(218, 109, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 109, 188) }
```

Border

The CSS property to change the border of an element to RGB 218, 109, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

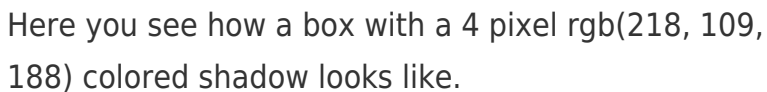
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 109, 188) }
```

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

```
.border{ border-color:rgb(218, 109, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 109, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 109, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 109, 188);  
box-shadow:4px 4px 4px 4px rgb(218, 109,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 218, 109, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 109, 188) }
```

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

```
.background{ background-color: rgb(218,  
109, 188) }
```

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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