

Converting Colors

RGB(218, 121, 168)

Have a look what the booklet for
RGB(218, 121, 168) contains.

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Color

RGB(218, 121, 168)

Conversions

Conversions Part 1

Format	Color
Hex	DA79A8
RGB	218, 121, 168
RGB Percent	85%, 47%, 66%
CMY	0.1451, 0.5255, 0.3412
CMYK	0.00, 0.44, 0.23, 0.15
HSL	331°, 57%, 66%
HSV	331°, 44%, 85%
XYZ	42.8187, 31.4073, 40.8512
YIQ	155.3610, 42.7250, 35.1810

Conversions

Conversions Part 2

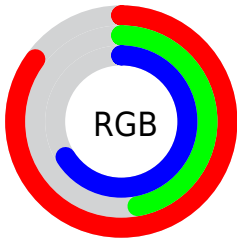
Format	Color
R _Y B	218, 121, 168
Decimal	14317992
CIE Lab	62.85, 43.43, -8.30
CIE LCh	63, 44.212, 349.179
Yxy	31.4073, 0.3721, 0.2729
Android (android.graphics.Color)	4292508072 (0xFFDA79A8)
YUV	155.3610, 6.2310, 54.9344
Hunter-Lab	56.0422, 38.3078, -3.9891

Details

The RGB color **218, 121, 168** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 218, 171**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 175, 223**, and **161, 69, 116** is the 20% darker color. If you saturate the color by 10%, you get **218, 99, 157**, and if you desaturate by 10%, it is **218, 143, 179**.

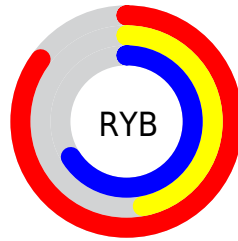
Distribution



Red (85%)

Green (47%)

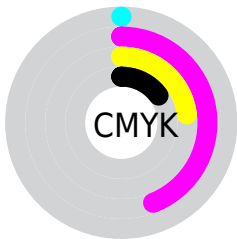
Blue (66%)



Red (85%)

Yellow (47%)

Blue (66%)

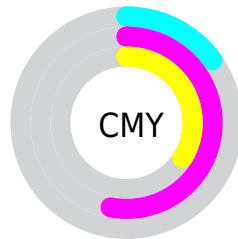


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 121, 168 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, 121, 168 by changing the saturation by 10% instead.


 218, 121, 168

255, 255, 255

 255, 175, 223

 255, 203, 252

 255, 232, 255

 218, 121, 168

 189, 95, 142

 161, 69, 116

 133, 43, 91

 106, 12, 68


 80, 0, 46


 55, 0, 25

 25, 0, 1


 0, 0, 0

 218, 121, 168


 218, 121, 168

 218, 99, 157


 218, 143, 179

 218, 77, 146

 218, 165, 190

 218, 56, 134


 218, 186, 202

 218, 34, 123

 218, 208, 213

 218, 12, 112

 218, 230, 224

 218, 0, 106

 218, 252, 235

 218, 255, 247

 218, 255, 255

Harmonies

Analogous

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



187, 132, 204



218, 121, 168



227, 121, 128

Triad

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



218, 121, 168



151, 158, 75



0, 169, 211

Complementary

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



218, 121, 168



121, 218, 171

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, 177



218, 121, 168



106, 167, 99

Square

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



218, 121, 168



188, 145, 74



36, 171, 136



43, 160, 229

Rectangle

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



218, 121, 168



221, 126, 104



36, 171, 136



0, 170, 201

Sweetspot

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



218, 121, 168



255, 222, 238



170, 121, 218



128, 107, 117



0, 0, 0



128, 128, 128

Same Dimension

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



218, 121, 168



255, 120, 185



218, 121, 121



110, 99, 104



173, 0, 84



46, 0, 22

Inverse Universe

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



218, 121, 168



255, 120, 185



121, 218, 218



110, 99, 104



173, 0, 84



46, 0, 22

Previews

White Background



This preview shows how the RGB color 218, 121, 168 looks on a white background.

Color Contrast Check

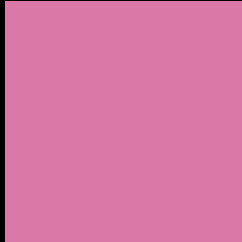
Large Text (above 18pt) WCAG AA × Fail

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 218, 121, 168 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 218, 121, 168 Background



This preview shows how black text looks on a background with the RGB color 218, 121, 168.

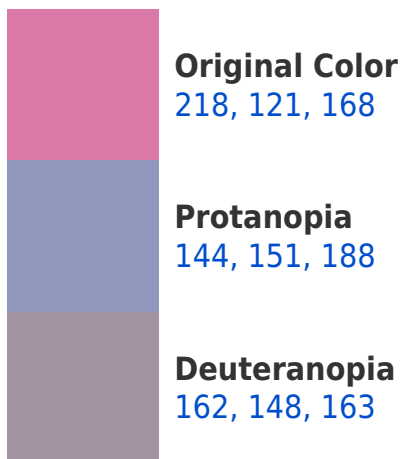


This preview shows how white text looks on a background with the RGB color 218, 121, 168.

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
215, 127, 136

Trichromacy



Original Color

218, 121, 168



Protanomaly

171, 140, 181



Deuteranomaly

182, 138, 165



Tritanomaly

216, 125, 148

Monochromacy



Original Color

218, 121, 168



Achromatopsia

155, 155, 155



Achromatomaly

178, 143, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 121, 168 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, 121, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 121, 168)  
}
```

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, 121, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 121, 168) }
```

Border

The CSS property to change the border of an element to RGB 218, 121, 168 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, 121, 168) }
```

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

```
.border{ border-color:rgb(218, 121, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 121, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 121, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 121, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 121,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 218, 121, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 121, 168) }
```

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

```
.background{ background-color: rgb(218,  
121, 168) }
```

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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