

Converting Colors

RGB(218, 87, 100)

Have a look what the booklet for
RGB(218, 87, 100) contains.

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Color

RGB(218, 87, 100)

Conversions

Conversions Part 1

Format	Color
Hex	DA5764
RGB	218, 87, 100
RGB Percent	85%, 34%, 39%
CMY	0.1451, 0.6588, 0.6078
CMYK	0.00, 0.60, 0.54, 0.15
HSL	354°, 64%, 60%
HSV	354°, 60%, 85%
XYZ	34.6219, 22.6419, 14.6021
YIQ	127.6510, 73.9030, 31.8150

Conversions

Conversions Part 2

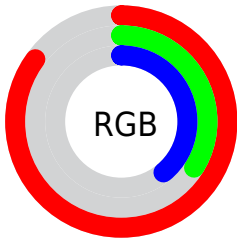
Format	Color
R _Y B	218, 87, 100
Decimal	14309220
CIE Lab	54.70, 52.34, 19.53
CIE LCh	55, 55.863, 20.460
Yxy	22.6419, 0.4818, 0.3151
Android (android.graphics.Color)	4292499300 (0xFFDA5764)
YUV	127.6510, -13.6319, 79.2361
Hunter-Lab	47.5835, 46.6059, 15.1139

Details

The RGB color **218, 87, 100** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **87, 218, 205**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **255, 142, 151**, and **158, 29, 54** is the 20% darker color. If you saturate the color by 10%, you get **218, 65, 80**, and if you desaturate by 10%, it is **218, 109, 120**.

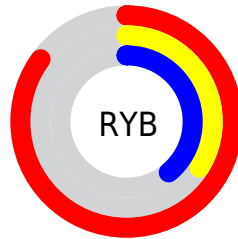
Distribution



Red (85%)

Green (34%)

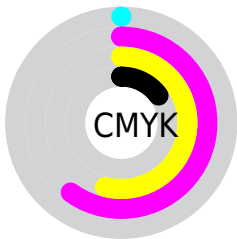
Blue (39%)



Red (85%)

Yellow (34%)

Blue (39%)

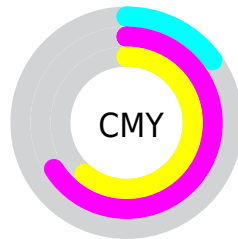


Cyan (0%)

Magenta (60%)

Yellow (54%)

Black (15%)



Cyan (15%)


Magenta (66%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 87, 100 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, 87, 100 by changing the saturation by 10% instead.

 218, 87, 100

 218, 87, 100

255, 255, 255

 188, 59, 76

 255, 142, 151

 158, 29, 54

 255, 170, 177

 128, 0, 33

 255, 198, 205


 99, 0, 10

 255, 227, 233

 70, 0, 0


 42, 0, 1

 0, 0, 0

 218, 87, 100

 218, 87, 100

 218, 65, 80

 218, 109, 120

 218, 43, 61

 218, 131, 139

 218, 22, 41

 218, 152, 159

 218, 0, 22

 218, 174, 179

 218, 196, 198

 218, 218, 218

 218, 240, 237

 218, 255, 255

Harmonies

Analogous

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



210, 87, 148



218, 87, 100



202, 104, 57

Triad

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



218, 87, 100



63, 148, 66



0, 141, 226

Complementary

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



218, 87, 100



87, 218, 205

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, 150, 205



218, 87, 100



0, 153, 113

Square

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



218, 87, 100



124, 138, 29



0, 154, 163



102, 125, 222

Rectangle

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



218, 87, 100



181, 117, 34



0, 154, 163



0, 145, 222

Sweetspot

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



218, 87, 100



255, 209, 214



205, 87, 218



128, 99, 102



0, 0, 0



128, 128, 128

Same Dimension

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



218, 87, 100



255, 71, 90



218, 139, 87



110, 99, 100



173, 0, 17



46, 0, 5

Inverse Universe

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



218, 87, 100



255, 71, 90



87, 166, 218



110, 99, 100



173, 0, 17



46, 0, 5

Previews

White Background



This preview shows how the RGB color 218, 87, 100 looks on a white background.

Color Contrast Check

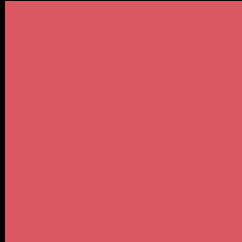
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87, 100 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, 87, 100 Background



This preview shows how black text looks on a background with the RGB color 218, 87, 100.

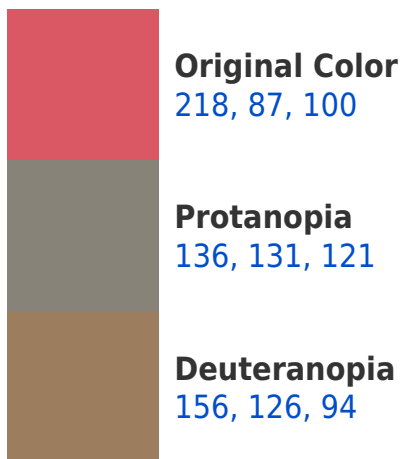


This preview shows how white text looks on a background with the RGB color 218, 87, 100.

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
218, 88, 94

Trichromacy



Original Color
218, 87, 100

Protanomaly
166, 115, 113

Deuteranomaly
179, 112, 96

Tritanomaly
218, 88, 96

Monochromacy



Original Color
218, 87, 100

Achromatopsia
128, 128, 128

Achromatomaly
161, 113, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 87, 100 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, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(218, 87, 100)  
}
```

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, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 87, 100) }
```

Border

The CSS property to change the border of an element to RGB 218, 87, 100 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, 87, 100) }
```

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

```
.border{ border-color:rgb(218, 87, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 87, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(218, 87,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 218, 87, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 87, 100) }
```

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

```
.background{ background-color: rgb(218, 87,  
100) }
```

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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