

Converting Colors

RGB(244, 138, 197)

Have a look what the booklet for
RGB(244, 138, 197) contains.

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Color

RGB(244, 138, 197)

Conversions

Conversions Part 1

Format	Color
Hex	F48AC5
RGB	244, 138, 197
RGB Percent	96%, 54%, 77%
CMY	0.0431, 0.4588, 0.2275
CMYK	0.00, 0.43, 0.19, 0.04
HSL	327°, 83%, 75%
HSV	327°, 43%, 96%
XYZ	56.4747, 41.4413, 57.8457
YIQ	176.4200, 44.2370, 40.8210

Conversions

Conversions Part 2

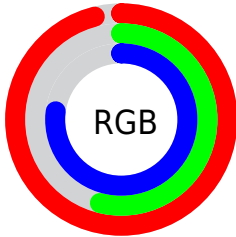
Format	Color
RYB	244, 138, 197
Decimal	16026309
CIELab	70.48, 47.57, -12.87
CIELCh	70, 49.283, 344.860
Yxy	41.4413, 0.3626, 0.2661
Android (android.graphics.Color)	4294216389 (0xFFFF48AC5)
YUV	176.4200, 10.1459, 59.2677
Hunter-Lab	64.3749, 43.9382, -8.2142

Details

The RGB color **244, 138, 197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **138, 244, 185**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 193, 254**, and **186, 85, 143** is the 20% darker color. If you saturate the color by 10%, you get **244, 114, 186**, and if you desaturate by 10%, it is **244, 162, 208**.

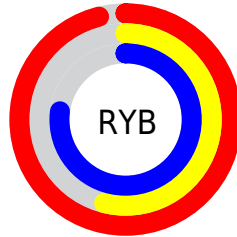
Distribution



Red (96%)

Green (54%)

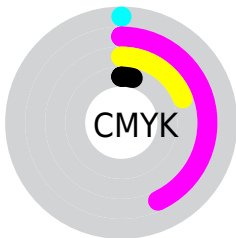
Blue (77%)



Red (96%)

Yellow (54%)

Blue (77%)

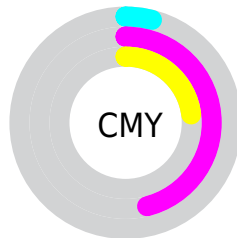


Cyan (0%)

Magenta (43%)

Yellow (19%)

Black (4%)



Cyan (4%)


Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 138, 197 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 244, 138, 197 by changing the saturation by 10% instead.

 244, 138, 197

 244, 138, 197

255, 255, 255

 215, 111, 170

 255, 193, 254

 186, 85, 143

 255, 222, 255

 157, 58, 118

 255, 251, 255

 130, 30, 93

 103, 0, 69

 76, 0, 47

 53, 0, 27

 16, 0, 0

 0, 0, 0

■ 244, 138, 197

■ 244, 138, 197

■ 244, 114, 186

■ 244, 162, 208

■ 244, 89, 175

■ 244, 187, 219

■ 244, 65, 165

■ 244, 211, 229

■ 244, 40, 154

■ 244, 236, 240

■ 244, 16, 143

■ 244, 255, 251

■ 244, 0, 136

■ 244, 255, 255

Harmonies

Analogous

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



205, 152, 236



244, 138, 197



255, 136, 152

Triad

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



244, 138, 197



178, 177, 83



0, 192, 234

Complementary

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



244, 138, 197



138, 244, 185

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, 195, 194



244, 138, 197



127, 188, 107

Square

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



244, 138, 197



219, 162, 85



55, 194, 147



0, 184, 255

Rectangle

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



244, 138, 197



253, 141, 124



55, 194, 147



0, 194, 222

Sweetspot

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



244, 138, 197



255, 222, 240



184, 138, 244



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



244, 138, 197



255, 122, 196



244, 138, 145



122, 110, 117



186, 0, 104



59, 0, 33

Inverse Universe

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



244, 138, 197



255, 122, 196



138, 244, 237



122, 110, 117



186, 0, 104



59, 0, 33

Previews

White Background



This preview shows how the RGB color 244, 138, 197 looks on a white background.

Color Contrast Check

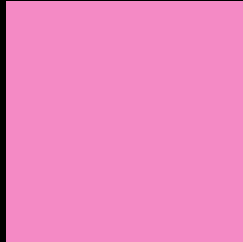
Large Text (above 18pt) WCAG AA × Fail

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 244, 138, 197 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 244, 138, 197 Background



This preview shows how black text looks on a background with the RGB color 244, 138, 197.



This preview shows how white text looks on a background with the RGB color 244, 138, 197.

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
244, 138, 197

Protanopia
161, 171, 219

Deuteranopia
181, 168, 192



Tritanopia
240, 146, 157

Trichromacy



Original Color

244, 138, 197



Protanomaly

191, 159, 211



Deuteranomaly

204, 157, 194



Tritanomaly

241, 143, 172

Monochromacy



Original Color

244, 138, 197



Achromatopsia

176, 176, 176



Achromatomaly

201, 162, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 138, 197 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(244, 138, 197) looks like.

```
.text, #text, p{  
    color:rgb(244, 138, 197)  
}
```

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(244, 138, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 138, 197) }
```

Border

The CSS property to change the border of an element to RGB 244, 138, 197 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(244, 138, 197) }
```

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

```
.border{ border-color:rgb(244, 138, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 138, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 138, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 138, 197);  
box-shadow:4px 4px 4px 4px rgb(244, 138,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 244, 138, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 138, 197) }
```

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

```
.background{ background-color: rgb(244,  
138, 197) }
```

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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