

Converting Colors

RGB(244, 113, 216)

Have a look what the booklet for
RGB(244, 113, 216) contains.

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Color

RGB(244, 113, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F471D8
RGB	244, 113, 216
RGB Percent	96%, 44%, 85%
CMY	0.0431, 0.5569, 0.1529
CMYK	0.00, 0.54, 0.11, 0.04
HSL	313°, 86%, 70%
HSV	313°, 54%, 96%
XYZ	55.6080, 36.0012, 68.9838
YIQ	163.9110, 45.0130, 59.8050

Conversions

Conversions Part 2

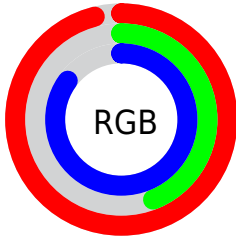
Format	Color
RYB	244, 113, 216
Decimal	16019928
CIELab	66.52, 62.49, -29.50
CIELCh	67, 69.105, 334.732
Yxy	36.0012, 0.3463, 0.2242
Android (android.graphics.Color)	4294210008 (0xFFFF471D8)
YUV	163.9110, 25.6799, 70.2381
Hunter-Lab	60.0010, 60.4293, -26.1656

Details

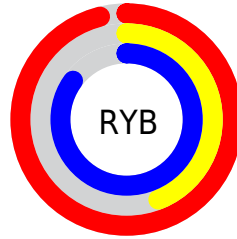
The RGB color **244, 113, 216** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **113, 244, 141**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 169, 255**, and **185, 55, 161** is the 20% darker color. If you saturate the color by 10%, you get **244, 89, 211**, and if you desaturate by 10%, it is **244, 137, 221**.

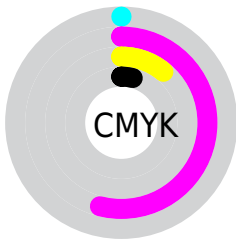
Distribution



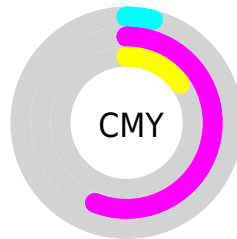
- Red (96%)
- Green (44%)
- Blue (85%)



- Red (96%)
- Yellow (44%)
- Blue (85%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 113, 216 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, 113, 216 by changing the saturation by 10% instead.

 244, 113, 216

 244, 113, 216

255, 255, 255

 214, 85, 188

 255, 169, 255

 185, 55, 161

 255, 198, 255

 156, 18, 134

 255, 227, 255

 128, 0, 109

 100, 0, 84

 73, 0, 61

 48, 0, 39

 4, 0, 15

 0, 0, 0

■ 244, 113, 216

■ 244, 113, 216

■ 244, 89, 211

■ 244, 137, 221

■ 244, 64, 206

■ 244, 162, 226

■ 244, 40, 200

■ 244, 186, 232

■ 244, 15, 195

■ 244, 211, 237

■ 244, 0, 192

■ 244, 235, 242

■ 244, 255, 247

■ 244, 255, 253

■ 244, 255, 255

Harmonies

Analogous

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



175, 141, 255



244, 113, 216



255, 99, 155

Triad

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



244, 113, 216



183, 162, 5



0, 190, 231

Complementary

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



244, 113, 216



113, 244, 141

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, 191, 170



244, 113, 216



119, 178, 48

Square

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



244, 113, 216



234, 139, 43



0, 187, 106



0, 182, 255

Rectangle

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



244, 113, 216



255, 106, 114



0, 187, 106



0, 191, 212

Sweetspot

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



244, 113, 216



255, 214, 246



139, 113, 244



128, 103, 122



0, 0, 0



128, 128, 128

Same Dimension

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



244, 113, 216



255, 92, 220



244, 113, 152



122, 110, 120



186, 0, 146



59, 0, 46

Inverse Universe

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



244, 113, 216



255, 92, 220



113, 244, 205



122, 110, 120



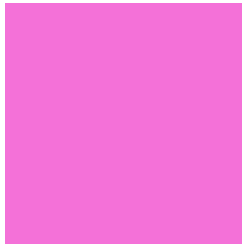
186, 0, 146



59, 0, 46

Previews

White Background



This preview shows how the RGB color 244, 113, 216 looks on a white background.

Color Contrast Check

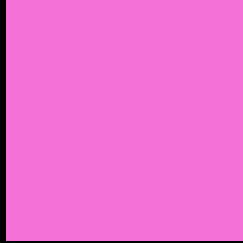
Large Text (above 18pt) WCAG AA × Fail

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, 113, 216 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, 113, 216 Background



This preview shows how black text looks on a background with the RGB color 244, 113, 216.

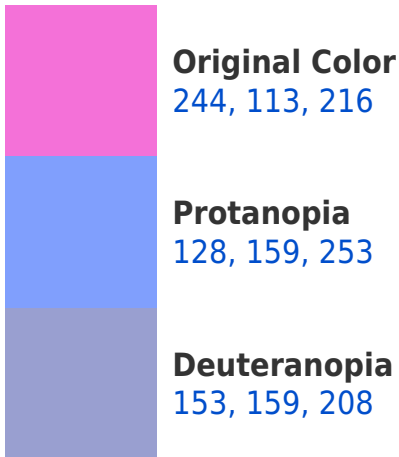



This preview shows how white text looks on a background with the RGB color 244, 113, 216.

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
236, 131, 140

Trichromacy



Original Color

244, 113, 216



Protanomaly

170, 142, 240



Deuteranomaly

186, 142, 211



Tritanomaly

239, 124, 168

Monochromacy



Original Color

244, 113, 216



Achromatopsia

164, 164, 164



Achromatomaly

193, 145, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 113, 216 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, 113, 216) looks like.

```
.text, #text, p{  
    color:rgb(244, 113, 216)  
}
```

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, 113, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 113, 216) }
```

Border

The CSS property to change the border of an element to RGB 244, 113, 216 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, 113, 216) }
```

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

```
.border{ border-color:rgb(244, 113, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 113, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 113, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 113, 216); box-shadow:4px 4px 4px 4px rgb(244, 113, 216) }
```

Background

The CSS property to change the background color of an element to RGB 244, 113, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 113, 216) }
```

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

```
.background{ background-color: rgb(244,  
113, 216) }
```

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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