

Converting Colors

RGB(245, 88, 166)

Have a look what the booklet for
RGB(245, 88, 166) contains.

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Color

RGB(245, 88, 166)

Conversions

Conversions Part 1

Format	Color
Hex	F558A6
RGB	245, 88, 166
RGB Percent	96%, 35%, 65%
CMY	0.0392, 0.6549, 0.3490
CMYK	0.00, 0.64, 0.32, 0.04
HSL	330°, 89%, 65%
HSV	330°, 64%, 96%
XYZ	48.0288, 29.1451, 39.1706
YIQ	143.8350, 68.5340, 57.5420

Conversions

Conversions Part 2

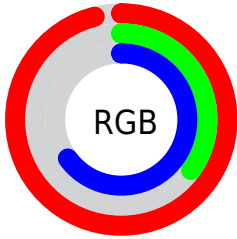
Format	Color
R _Y B	245, 88, 166
Decimal	16079014
CIE _{Lab}	60.91, 66.75, -9.64
CIE _{LCh}	61, 67.438, 351.782
Yxy	29.1451, 0.4128, 0.2505
Android (android.graphics.Color)	4294269094 (0xFFFF558A6)
YUV	143.8350, 10.9273, 88.7217
Hunter-Lab	53.9862, 64.3268, -5.2285

Details

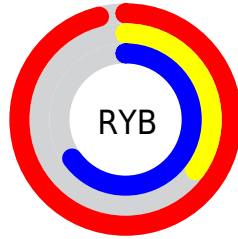
The RGB color **245, 88, 166** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **88, 245, 167**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 146, 221**, and **185, 15, 114** is the 20% darker color. If you saturate the color by 10%, you get **245, 64, 154**, and if you desaturate by 10%, it is **245, 113, 178**.

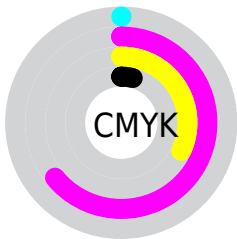
Distribution



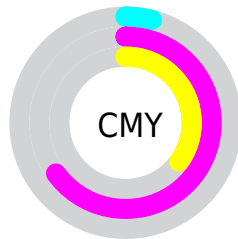
- Red (96%)
- Green (35%)
- Blue (65%)



- Red (96%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 88, 166 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 245, 88, 166 by changing the saturation by 10% instead.

 245, 88, 166

 245, 88, 166

255, 255, 255

 215, 57, 140

 255, 146, 221

 185, 15, 114

 255, 175, 250

 155, 0, 90

 255, 204, 255

 126, 0, 66

 255, 234, 255

 97, 0, 44

 70, 0, 24

 41, 0, 1

 0, 0, 0

 245, 88, 166

 245, 88, 166

■ 245, 64, 154

■ 245, 113, 178

■ 245, 39, 141

■ 245, 137, 191

■ 245, 15, 129

■ 245, 162, 203

■ 245, 0, 122

■ 245, 186, 215

■ 245, 211, 228

■ 245, 235, 240

■ 245, 255, 252

■ 245, 255, 255

Harmonies

Analogous

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



202, 111, 221



245, 88, 166



252, 90, 107

Triad

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



245, 88, 166



134, 157, 7



0, 170, 240

Complementary

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



245, 88, 166



88, 245, 167

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, 174, 190



245, 88, 166



51, 168, 68

Square

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



245, 88, 166



189, 138, 0



0, 173, 128



0, 159, 255

Rectangle

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



245, 88, 166



241, 105, 70



0, 173, 128



0, 172, 225

Sweetspot

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



245, 88, 166



255, 207, 231



167, 88, 245



128, 98, 113



0, 0, 0



128, 128, 128

Same Dimension

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



245, 88, 166



255, 59, 156



245, 88, 88



122, 110, 116



186, 0, 92



59, 0, 29

Inverse Universe

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



245, 88, 166



255, 59, 156



88, 245, 245



122, 110, 116



186, 0, 92



59, 0, 29

Previews

White Background



This preview shows how the RGB color 245, 88, 166 looks on a white background.

Color Contrast Check

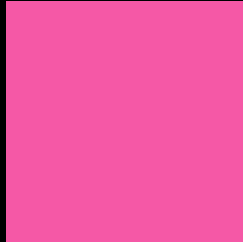
Large Text (above 18pt) WCAG AA ✓ Pass

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 245, 88, 166 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 245, 88, 166 Background



This preview shows how black text looks on a background with the RGB color 245, 88, 166.

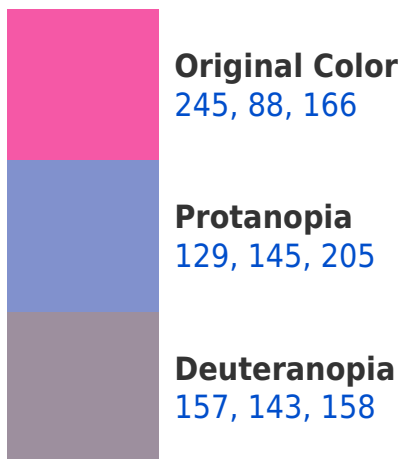



This preview shows how white text looks on a background with the RGB color 245, 88, 166.

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
240, 102, 108

Trichromacy



Original Color

245, 88, 166



Protanomaly

171, 124, 191



Deuteranomaly

189, 123, 161



Tritanomaly

242, 97, 129

Monochromacy



Original Color

245, 88, 166



Achromatopsia

144, 144, 144



Achromatomaly

181, 124, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 88, 166 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(245, 88, 166)` looks like.

```
.text, #text, p{  
    color:rgb(245, 88, 166)  
}
```

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(245, 88, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 88, 166) }
```

Border

The CSS property to change the border of an element to RGB 245, 88, 166 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(245, 88, 166) }
```

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

```
.border{ border-color:rgb(245, 88, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 88, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 88, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 88, 166);  
box-shadow:4px 4px 4px 4px rgb(245, 88,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 245, 88, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 88, 166) }
```

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

```
.background{ background-color: rgb(245, 88,  
166) }
```

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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