

Converting Colors

RGB(244, 106, 135)

Have a look what the booklet for
RGB(244, 106, 135) contains.

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Color

RGB(244, 106, 135)

Conversions

Conversions Part 1

Format	Color
Hex	F46A87
RGB	244, 106, 135
RGB Percent	96%, 42%, 53%
CMY	0.0431, 0.5843, 0.4706
CMYK	0.00, 0.57, 0.45, 0.04
HSL	347°, 86%, 69%
HSV	347°, 57%, 96%
XYZ	46.8354, 31.2904, 26.4928
YIQ	150.5680, 72.9390, 38.2750

Conversions

Conversions Part 2

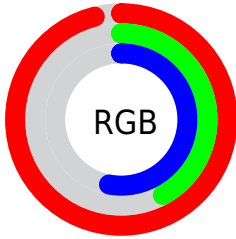
Format	Color
R_{YB}	244, 106, 135
Decimal	16018055
CIE Lab	62.75, 55.48, 10.92
CIE LCh	63, 56.542, 11.136
Yxy	31.2904, 0.4477, 0.2991
Android (android.graphics.Color)	4294208135 (0xFFFF46A87)
YUV	150.5680, -7.6750, 81.9399
Hunter-Lab	55.9379, 51.5626, 11.0761

Details

The RGB color **244, 106, 135** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **106, 244, 215**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 162, 188**, and **183, 49, 86** is the 20% darker color. If you saturate the color by 10%, you get **244, 82, 116**, and if you desaturate by 10%, it is **244, 130, 154**.

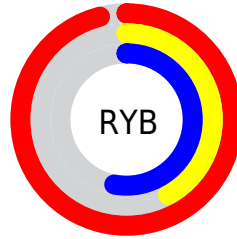
Distribution



Red (96%)

Green (42%)

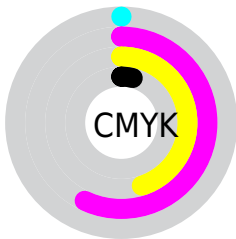
Blue (53%)



Red (96%)

Yellow (42%)

Blue (53%)

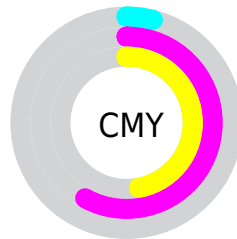


Cyan (0%)

Magenta (57%)

Yellow (45%)

Black (4%)



Cyan (4%)


Magenta (58%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 106, 135 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, 106, 135 by changing the saturation by 10% instead.

 244, 106, 135

 244, 106, 135

255, 255, 255

 213, 78, 110

 255, 162, 188

 183, 49, 86

 255, 190, 216

 154, 11, 63

 255, 219, 244

 124, 0, 41


 255, 248, 255

 95, 0, 21

 68, 0, 1

 38, 0, 1

 0, 0, 0

 244, 106, 135

 244, 106, 135

■ 244, 82, 116

■ 244, 130, 154

■ 244, 57, 96

■ 244, 155, 174

■ 244, 33, 77

■ 244, 179, 193

■ 244, 8, 58

■ 244, 204, 212

■ 244, 0, 51

■ 244, 228, 231

■ 244, 252, 251

■ 244, 255, 255

Harmonies

Analogous

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



227, 112, 185



244, 106, 135



235, 118, 88

Triad

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



244, 106, 135



106, 167, 72



0, 166, 246

Complementary

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



244, 106, 135



106, 244, 215

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, 217



244, 106, 135



0, 174, 117

Square

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



244, 106, 135



161, 155, 44



0, 176, 170



91, 151, 251

Rectangle

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



244, 106, 135



217, 131, 63



0, 176, 170



0, 169, 239

Sweetspot

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



244, 106, 135



255, 212, 221



214, 106, 244



128, 102, 107



0, 0, 0



128, 128, 128

Same Dimension

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



244, 106, 135



255, 82, 118



244, 145, 106



122, 110, 113



186, 0, 39



59, 0, 12

Inverse Universe

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



244, 106, 135



255, 82, 118



106, 205, 244



122, 110, 113



186, 0, 39



59, 0, 12

Previews

White Background



This preview shows how the RGB color 244, 106, 135 looks on a white background.

Color Contrast Check

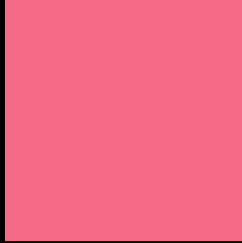
Large Text (above 18pt) WCAG AA × Fail

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, 106, 135 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, 106, 135 Background



This preview shows how black text looks on a background with the RGB color 244, 106, 135.

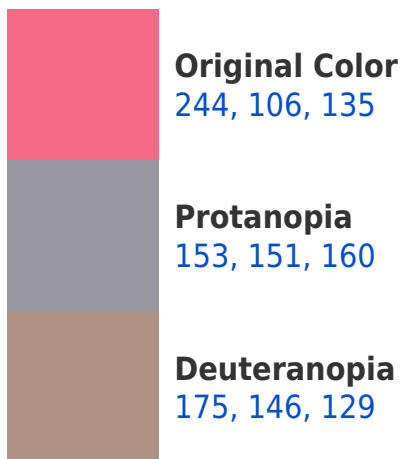



This preview shows how white text looks on a background with the RGB color 244, 106, 135.

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](#).

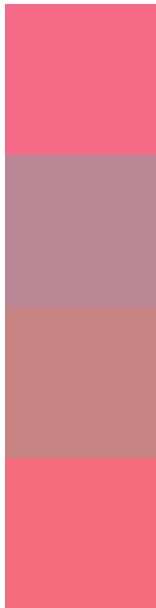
Dichromacy





Tritanopia
243, 109, 117

Trichromacy



Original Color

244, 106, 135

Protanomaly

186, 135, 151

Deuteranomaly

200, 131, 131

Tritanomaly

243, 108, 124

Monochromacy



Original Color

244, 106, 135

Achromatopsia

151, 151, 151

Achromatomaly

185, 135, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 106, 135 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, 106, 135) looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 135)  
}
```

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, 106, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 135) }
```

Border

The CSS property to change the border of an element to RGB 244, 106, 135 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, 106, 135) }
```

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

```
.border{ border-color:rgb(244, 106, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 106, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 135);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 244, 106, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 135) }
```

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

```
.background{ background-color: rgb(244,  
106, 135) }
```

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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