

Converting Colors

RGB(245, 74, 105)

Have a look what the booklet for
RGB(245, 74, 105) contains.

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Color

RGB(245, 74, 105)

Conversions

Conversions Part 1

Format	Color
Hex	F54A69
RGB	245, 74, 105
RGB Percent	96%, 29%, 41%
CMY	0.0392, 0.7098, 0.5882
CMYK	0.00, 0.70, 0.57, 0.04
HSL	349°, 90%, 63%
HSV	349°, 70%, 96%
XYZ	42.6548, 25.3300, 16.0056
YIQ	128.6630, 91.9650, 45.8930

Conversions

Conversions Part 2

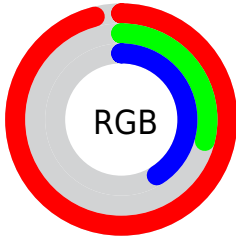
Format	Color
R _Y B	245, 74, 105
Decimal	16075369
CIE Lab	57.40, 66.45, 20.99
CIE LCh	57, 69.684, 17.532
Yxy	25.3300, 0.5079, 0.3016
Android (android.graphics.Color)	4294265449 (0xFFFF54A69)
YUV	128.6630, -11.6659, 102.0275
Hunter-Lab	50.3289, 63.2069, 16.3748

Details

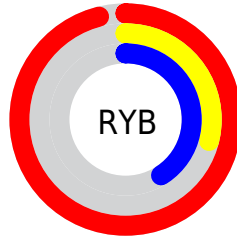
The RGB color **245, 74, 105** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **74, 245, 214**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 133, 156**, and **182, 0, 58** is the 20% darker color. If you saturate the color by 10%, you get **245, 49, 85**, and if you desaturate by 10%, it is **245, 98, 125**.

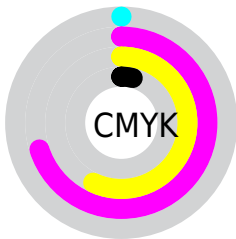
Distribution



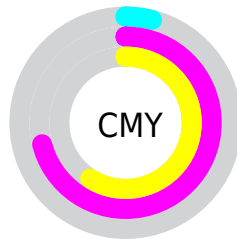
- Red (96%)
- Green (29%)
- Blue (41%)



- Red (96%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (57%)
- Black (4%)





















- Cyan (4%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 74, 105 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, 74, 105 by changing the saturation by 10% instead.

 245, 74, 105	 245, 74, 105
 255, 255, 255	 213, 40, 81
 255, 133, 156	 182, 0, 58
 255, 162, 183	 151, 0, 37
 255, 191, 210	 121, 0, 17
 255, 221, 239	 90, 0, 1
 255, 250, 255	 61, 0, 3
	 25, 0, 1
	 0, 0, 0
 245, 74, 105	 245, 74, 105

 245, 49, 85

 245, 98, 125

 245, 25, 65

 245, 123, 145

 245, 0, 45

 245, 147, 165

 245, 0, 44

 245, 172, 185

 245, 196, 205

 245, 221, 225

 245, 246, 245

 245, 255, 255

Harmonies

Analogous

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



233, 76, 166



245, 74, 105



227, 99, 48

Triad

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



245, 74, 105



52, 158, 47



0, 152, 255

Complementary

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



245, 74, 105



74, 245, 214

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, 162, 227



245, 74, 105



0, 164, 109

Square

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



245, 74, 105



132, 146, 0



0, 165, 173



74, 133, 255

Rectangle

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



245, 74, 105



202, 117, 0



0, 165, 173



0, 157, 250

Sweetspot

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



245, 74, 105



255, 201, 211



214, 74, 245



128, 96, 101



0, 0, 0



128, 128, 128

Same Dimension

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



245, 74, 105



255, 41, 80



245, 128, 74



122, 110, 112



186, 0, 34



59, 0, 11

Inverse Universe

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



245, 74, 105



255, 41, 80



74, 191, 245



122, 110, 112



186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RGB color 245, 74, 105 looks on a white background.

Color Contrast Check

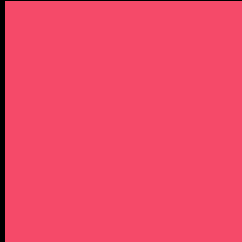
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74, 105 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, 74, 105 Background



This preview shows how black text looks on a background with the RGB color 245, 74, 105.



This preview shows how white text looks on a background with the RGB color 245, 74, 105.

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
245, 74, 105

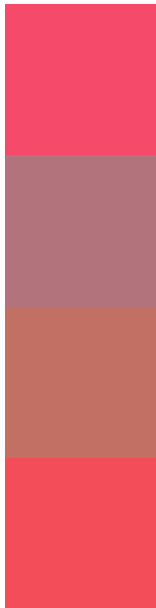
Protanopia
141, 138, 135

Deuteranopia
165, 132, 97



Tritanopia
244, 78, 82

Trichromacy



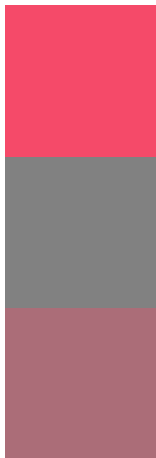
Original Color
245, 74, 105

Protanomaly
179, 115, 124

Deuteranomaly
194, 111, 100

Tritanomaly
244, 77, 90

Monochromacy



Original Color
245, 74, 105

Achromatopsia
129, 129, 129

Achromatomaly
171, 109, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 74, 105 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, 74, 105)` looks like.

```
.text, #text, p{  
    color:rgb(245, 74, 105)  
}
```

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, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 74, 105) }
```

Border

The CSS property to change the border of an element to RGB 245, 74, 105 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, 74, 105) }
```

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

```
.border{ border-color:rgb(245, 74, 105) }
```

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

Here you see how a box with a 4 pixel rgb(245, 74, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 74, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 74, 105);  
box-shadow:4px 4px 4px 4px rgb(245, 74,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 245, 74, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 74, 105) }
```

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

```
.background{ background-color: rgb(245, 74,  
105) }
```

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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