Converting Colors

RGB(240, 111, 119)

Have a look what the booklet for RGB(240, 111, 119) contains.

Color

RGB(240, 111, 119)

Conversions

Conversions Part 1

Format	Color
Hex	F06F77
RGB	240, 111, 119
RGB Percent	94%, 44%, 47%
CMY	0.0588, 0.5647, 0.5333
CMYK	0.00, 0.54, 0.50, 0.06
HSL	356°, 81%, 69%
HSV	356°, 54%, 94%
XYZ	44.9494, 31.2261, 21.1109
YIQ	150.4830, 74.3160, 29.8360

Conversions

Conversions Part 2

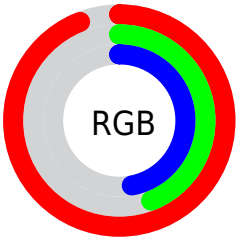
Format	Color
RYB	240, 111, 119
Decimal	15757175
CIELab	62.70, 50.34, 19.93
CIELCh	63, 54.138, 21.600
Yxy	31.2261, 0.4620, 0.3210
Android (android.graphics.Color)	4293947255 (0xFFF06F77)
YUV	150.4830, -15.5211, 78.5064
Hunter-Lab	55.8803, 45.7927, 16.7171

Details

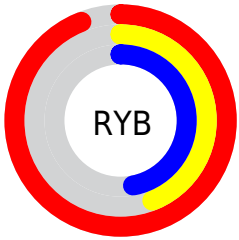
The RGB color 240, 111, 119 is a light color, and the websafe version is hex CC6666. A complement of this color would be 111, 240, 232, and the grayscale version is 151, 151, 151.

A 20% lighter version of the original color is 255, 166, 171, and 179, 57, 71 is the 20% darker color. If you saturate the color by 10%, you get 240, 87, 96, and if you desaturate by 10%, it is 240, 135, 142.

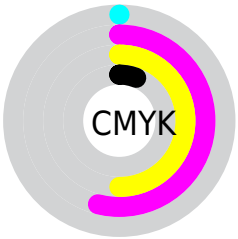
Distribution



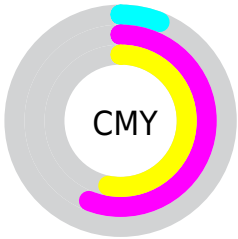
- Red (94%)
- Green (44%)
- Blue (47%)



- Red (94%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (54%)
- Yellow (50%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 111, 119 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 240, 111, 119 by changing the saturation by 10% instead.

240, 111, 119

255, 255, 255

255, 166, 171

255, 194, 198

255, 223, 226

255, 252, 255

240, 111, 119

209, 84, 94

179, 57, 71

149, 26, 49

120, 0, 28

92, 0, 2

64, 0, 1

33, 0, 1

0, 0, 0

240, 111, 119

240, 111, 119

240, 87, 96

240, 63, 74

240, 39, 51

240, 15, 29

240, 0, 15

240, 135, 142

240, 159, 164

240, 183, 187

240, 207, 209

240, 231, 232

240, 255, 254

240, 255, 255

Harmonies

Analogous

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

233, 110, 167

240, 111, 119

224, 126, 77

Triad

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

240, 111, 119

86, 169, 89

0, 161, 247

Complementary

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

240, 111, 119

111, 240, 232

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, 171, 226

240, 111, 119

0, 174, 136

Square

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

240, 111, 119

144, 160, 56

0, 175, 186

130, 144, 241

Rectangle

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

240, 111, 119

203, 138, 58

0, 175, 186

0, 165, 242

Sweetspot

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

240, 111, 119

255, 214, 217

231, 111, 240

128, 103, 105

0, 0, 0

128, 128, 128

Same Dimension

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

240, 111, 119

255, 89, 100

240, 167, 111

120, 108, 109

184, 0, 11

56, 0, 3

Inverse Universe

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

240, 111, 119

255, 89, 100

111, 184, 240

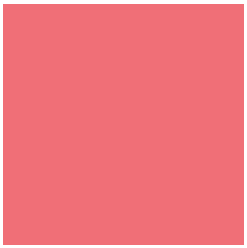
120, 108, 109

184, 0, 11

56, 0, 3

Previews

White Background

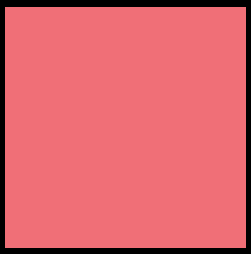


This preview shows how the RGB color 240, 111, 119 looks on a white background.

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



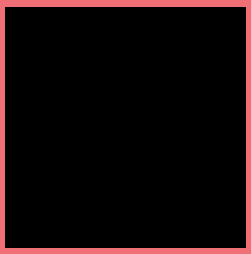
This preview shows how the RGB color 240, 111, 119 looks on a black background.

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 240, 111, 119 Background



This preview shows how black text looks on a background with the RGB color 240, 111, 119.

This preview shows how white text looks on a background with the RGB color 240, 111, 119.

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

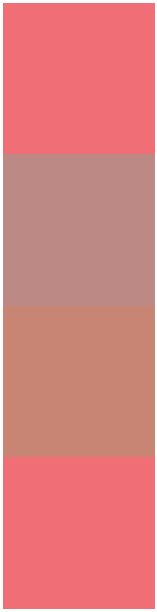
Original Color
240, 111, 119

Protanopia
158, 152, 139

Deuteranopia
179, 146, 113

Tritanopia
240, 111, 119

Trichromacy



Original Color
240, 111, 119

Protanomaly
188, 137, 132

Deuteranomaly
201, 133, 115

Tritanomaly
240, 111, 119

Monochromacy

Original Color
240, 111, 119

Achromatopsia
150, 150, 150

Achromatomaly
183, 136, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 111, 119 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(240, 111, 119) looks like.

```
.text, #text, p{
    color:rgb(240, 111, 119)
}
```

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(240, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 111, 119) }
```

Border

The CSS property to change the border of an element to RGB 240, 111, 119 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(240, 111, 119) }
```

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

```
.border{ border-color:rgb(240, 111, 119) }
```

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

Here you see how a box with a 4 pixel rgb(240, 111, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 111, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 111, 119); box-shadow:4px 4px 4px 4px rgb(240, 111, 119) }
```

Background

The CSS property to change the background color of an element to RGB 240, 111, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(240, 111, 119) }
```

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

```
.background{ background-color:rgb(240,
111, 119) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor