

Converting Colors

RGB(250, 99, 117)

Have a look what the booklet for
RGB(250, 99, 117) contains.

RGB(250, 99, 117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(250, 99, 117)

Conversions

Conversions Part 1

Format	Color
Hex	FA6375
RGB	250, 99, 117
RGB Percent	98%, 39%, 46%
CMY	0.0196, 0.6118, 0.5412
CMYK	0.00, 0.60, 0.53, 0.02
HSL	353°, 94%, 68%
HSV	353°, 60%, 98%
XYZ	47.0971, 30.5320, 20.2406
YIQ	146.2010, 84.2180, 37.6100

Conversions

Conversions Part 2

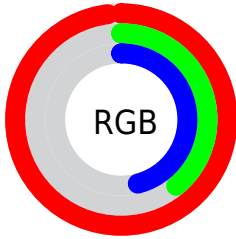
Format	Color
R_{YB}	250, 99, 117
Decimal	16409461
CIE Lab	62.11, 58.98, 20.53
CIE LCh	62, 62.447, 19.193
Yxy	30.5320, 0.4812, 0.3120
Android (android.graphics.Color)	4294599541 (0xFFFA6375)
YUV	146.2010, -14.3961, 91.0317
Hunter-Lab	55.2558, 55.4462, 16.9607

Details

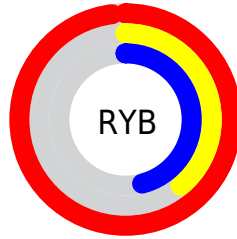
The RGB color **250, 99, 117** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **99, 250, 232**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 155, 169**, and **188, 39, 69** is the 20% darker color. If you saturate the color by 10%, you get **250, 74, 95**, and if you desaturate by 10%, it is **250, 124, 139**.

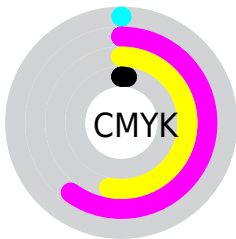
Distribution



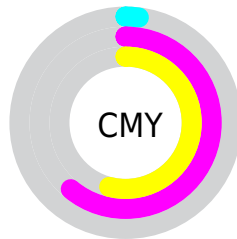
- Red (98%)
- Green (39%)
- Blue (46%)



- Red (98%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 99, 117 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 250, 99, 117 by changing the saturation by 10% instead.



250, 99, 117



250, 99, 117

255, 255, 255



219, 70, 92



255, 155, 169



188, 39, 69



255, 184, 196



157, 0, 47



255, 213, 224



127, 0, 27



255, 242, 253



98, 0, 0



69, 0, 2



38, 0, 1



0, 0, 0



250, 99, 117



250, 99, 117

■ 250, 74, 95

■ 250, 124, 139

■ 250, 49, 73

■ 250, 149, 161

■ 250, 24, 51

■ 250, 174, 183

■ 250, 0, 30

■ 250, 199, 205

■ 250, 224, 227

■ 250, 249, 249

■ 250, 255, 255

Harmonies

Analogous

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



240, 99, 173



250, 99, 117



232, 118, 67

Triad

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



250, 99, 117



76, 169, 73



0, 162, 255

Complementary

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



250, 99, 117



99, 250, 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, 173, 233



250, 99, 117



0, 175, 127

Square

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



250, 99, 117



144, 158, 31



0, 176, 185



112, 144, 255

Rectangle

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



250, 99, 117



209, 133, 40



0, 176, 185



0, 167, 253

Sweetspot

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



250, 99, 117



255, 209, 215



230, 99, 250



128, 99, 103



0, 0, 0



128, 128, 128

Same Dimension

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



250, 99, 117



255, 71, 93



250, 154, 99



125, 112, 114



189, 0, 22



61, 0, 7

Inverse Universe

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



250, 99, 117



255, 71, 93



99, 195, 250



125, 112, 114



189, 0, 22



61, 0, 7

Previews

White Background



This preview shows how the RGB color 250, 99, 117 looks on a white background.

Color Contrast Check

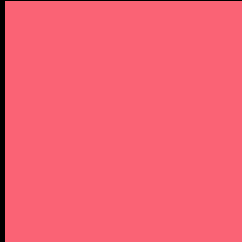
Large Text (above 18pt) WCAG AA × Fail

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 250, 99, 117 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 250, 99, 117 Background



This preview shows how black text looks on a background with the RGB color 250, 99, 117.



This preview shows how white text looks on a background with the RGB color 250, 99, 117.

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
250, 99, 117

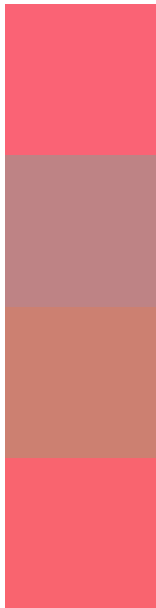
Protanopia
155, 150, 142

Deuteranopia
178, 144, 110



Tritanopia
249, 101, 107

Trichromacy



Original Color
250, 99, 117

Protanomaly
190, 131, 133

Deuteranomaly
204, 128, 113

Tritanomaly
249, 100, 111

Monochromacy



Original Color
250, 99, 117

Achromatopsia
146, 146, 146

Achromatomaly
184, 129, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 99, 117 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(250, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 99, 117)  
}
```

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(250, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 99, 117) }
```

Border

The CSS property to change the border of an element to RGB 250, 99, 117 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(250, 99, 117) }
```

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

```
.border{ border-color:rgb(250, 99, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 99, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 99, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 99, 117);  
box-shadow:4px 4px 4px 4px rgb(250, 99,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 250, 99, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 99, 117) }
```

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

```
.background{ background-color: rgb(250, 99,  
117) }
```

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