

Converting Colors

RGB(238, 89, 105)

Have a look what the booklet for
RGB(238, 89, 105) contains.

RGB(238, 89, 105)	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(238, 89, 105)

Conversions

Conversions Part 1

Format	Color
Hex	EE5969
RGB	238, 89, 105
RGB Percent	93%, 35%, 41%
CMY	0.0667, 0.6510, 0.5882
CMYK	0.00, 0.63, 0.56, 0.07
HSL	354°, 81%, 64%
HSV	354°, 63%, 93%
XYZ	41.3821, 26.3418, 16.2680
YIQ	135.3750, 83.6680, 36.5640

Conversions

Conversions Part 2

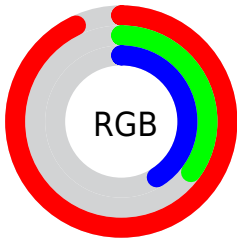
Format	Color
R_{YB}	238, 89, 105
Decimal	15620457
CIE _{Lab}	58.36, 58.44, 22.08
CIE _{LCh}	58, 62.476, 20.698
Yxy	26.3418, 0.4927, 0.3136
Android (android.graphics.Color)	4293810537 (0xFFEE5969)
YUV	135.3750, -14.9749, 90.0021
Hunter-Lab	51.3243, 54.1046, 17.1341

Details

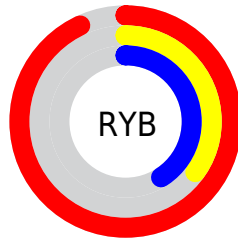
The RGB color **238, 89, 105** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **89, 238, 222**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 145, 156**, and **176, 26, 58** is the 20% darker color. If you saturate the color by 10%, you get **238, 65, 84**, and if you desaturate by 10%, it is **238, 113, 126**.

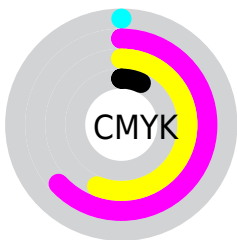
Distribution



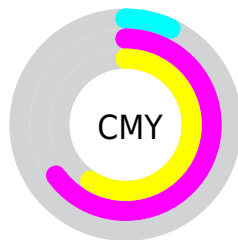
- Red (93%)
- Green (35%)
- Blue (41%)



- Red (93%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (63%)
- Yellow (56%)
- Black (7%)


















- Cyan (7%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 89, 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 238, 89, 105 by changing the saturation by 10% instead.

 238, 89, 105	 238, 89, 105
 255, 255, 255	 207, 60, 81
 255, 145, 156	 176, 26, 58
 255, 174, 183	 146, 0, 37
 255, 202, 210	 116, 0, 17
 255, 232, 239	 86, 0, 0
	 58, 0, 2
	 19, 0, 0
	 0, 0, 0

 238, 89, 105  238, 89, 105

■ 238, 65, 84

■ 238, 113, 126

■ 238, 41, 63

■ 238, 137, 147

■ 238, 18, 41

■ 238, 160, 169

■ 238, 0, 26

■ 238, 184, 190

■ 238, 208, 211

■ 238, 232, 232

■ 238, 255, 254

■ 238, 255, 255

Harmonies

Analogous

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



230, 88, 160



238, 89, 105



219, 109, 56

Triad

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



238, 89, 105



60, 160, 66



0, 152, 249

Complementary

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



238, 89, 105



89, 238, 222

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, 224



238, 89, 105



0, 165, 121

Square

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



238, 89, 105



131, 149, 19



0, 166, 177



106, 133, 243

Rectangle

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



238, 89, 105



196, 125, 27



0, 166, 177



0, 156, 244

Sweetspot

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



238, 89, 105



255, 207, 212



221, 89, 238



128, 98, 101



0, 0, 0



128, 128, 128

Same Dimension

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



238, 89, 105



255, 64, 84



238, 146, 89



120, 108, 109



184, 0, 20



56, 0, 6

Inverse Universe

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



238, 89, 105



255, 64, 84



89, 181, 238



120, 108, 109



184, 0, 20



56, 0, 6

Previews

White Background



This preview shows how the RGB color 238, 89, 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 238, 89, 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 238, 89, 105 Background



This preview shows how black text looks on a background with the RGB color 238, 89, 105.



This preview shows how white text looks on a background with the RGB color 238, 89, 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
238, 89, 105

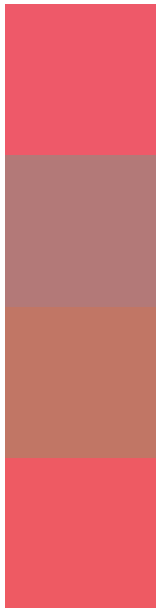
Protanopia
146, 140, 129

Deuteranopia
168, 135, 98



Tritanopia
238, 91, 96

Trichromacy



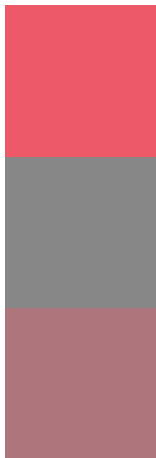
Original Color
238, 89, 105

Protanomaly
179, 121, 120

Deuteranomaly
193, 118, 101

Tritanomaly
238, 90, 99

Monochromacy



Original Color
238, 89, 105

Achromatopsia
135, 135, 135

Achromatomaly
172, 118, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 89, 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(238, 89, 105)` looks like.

```
.text, #text, p{  
    color:rgb(238, 89, 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(238, 89, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 89, 105) }
```

Border

The CSS property to change the border of an element to RGB 238, 89, 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(238, 89, 105) }
```

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

```
.border{ border-color:rgb(238, 89, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 89, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 89, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 89, 105);  
box-shadow:4px 4px 4px 4px rgb(238, 89,  
105) }
```

Background

The CSS property to change the background color of an element to RGB 238, 89, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 89, 105) }
```

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

```
.background{ background-color: rgb(238, 89,  
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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