

Converting Colors

RGB(239, 55, 163)

Have a look what the booklet for
RGB(239, 55, 163) contains.

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Color

RGB(239, 55, 163)

Conversions

Conversions Part 1

Format	Color
Hex	EF37A3
RGB	239, 55, 163
RGB Percent	94%, 22%, 64%
CMY	0.0627, 0.7843, 0.3608
CMYK	0.00, 0.77, 0.32, 0.06
HSL	325°, 85%, 58%
HSV	325°, 77%, 94%
XYZ	43.5737, 23.7274, 36.9336
YIQ	122.3280, 74.9960, 72.5960

Conversions

Conversions Part 2

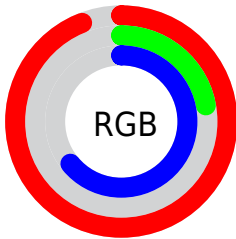
Format	Color
R _{YB}	239, 55, 163
Decimal	15677347
CIE Lab	55.81, 75.99, -15.66
CIE LCh	56, 77.591, 348.353
Yxy	23.7274, 0.4180, 0.2276
Android (android.graphics.Color)	4293867427 (0xFFEF37A3)
YUV	122.3280, 20.0513, 102.3213
Hunter-Lab	48.7108, 74.4310, -10.8574

Details

The RGB color **239, 55, 163** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **55, 239, 131**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **255, 120, 218**, and **178, 0, 111** is the 20% darker color. If you saturate the color by 10%, you get **239, 31, 153**, and if you desaturate by 10%, it is **239, 79, 173**.

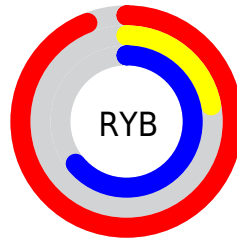
Distribution



Red (94%)

Green (22%)

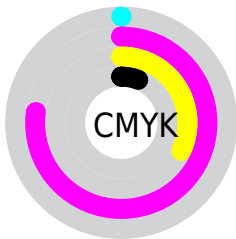
Blue (64%)



Red (94%)

Yellow (22%)

Blue (64%)

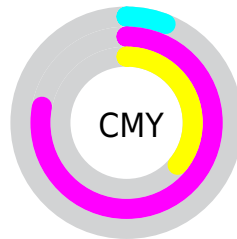


Cyan (0%)

Magenta (77%)

Yellow (32%)

Black (6%)



Cyan (6%)

Magenta (78%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 239, 55, 163 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 239, 55, 163 by changing the saturation by 10% instead.

 239, 55, 163

 239, 55, 163

255, 255, 255

 208, 0, 137

 255, 120, 218

 178, 0, 111

 255, 149, 246

 148, 0, 87

 255, 179, 255

 119, 0, 63

 255, 209, 255

 89, 0, 41

 255, 239, 255

 62, 0, 20

 28, 0, 1

 0, 0, 0

 239, 55, 163

 239, 55, 163

■ 239, 31, 153

■ 239, 79, 173

■ 239, 7, 143

■ 239, 103, 183

■ 239, 0, 140

■ 239, 127, 193

■ 239, 151, 202

■ 239, 174, 212

■ 239, 198, 222

■ 239, 222, 232

■ 239, 246, 242

■ 239, 255, 252

Harmonies

Analogous

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



186, 93, 224



239, 55, 163



250, 53, 96

Triad

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



239, 55, 163



123, 143, 0



0, 160, 234

Complementary

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



239, 55, 163



55, 239, 131

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, 163, 174



239, 55, 163



6, 155, 29

Square

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



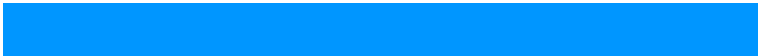
239, 55, 163



183, 121, 0



0, 161, 104



0, 150, 255

Rectangle

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



239, 55, 163



238, 76, 53



0, 161, 104



0, 162, 216

Sweetspot

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



239, 55, 163



255, 196, 231



129, 55, 239



128, 92, 113



0, 0, 0



128, 128, 128

Same Dimension

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



239, 55, 163



255, 20, 158



239, 55, 73



120, 108, 115



184, 0, 108



56, 0, 33

Inverse Universe

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



239, 55, 163



255, 20, 158



55, 239, 221



120, 108, 115



184, 0, 108



56, 0, 33

Previews

White Background



This preview shows how the RGB color 239, 55, 163 looks on a white background.

Color Contrast Check

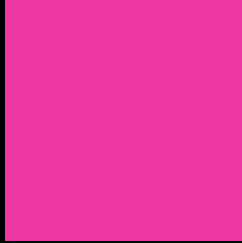
Large Text (above 18pt) WCAG AA ✓ Pass

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 239, 55, 163 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 239, 55, 163 Background



This preview shows how black text looks on a background with the RGB color 239, 55, 163.

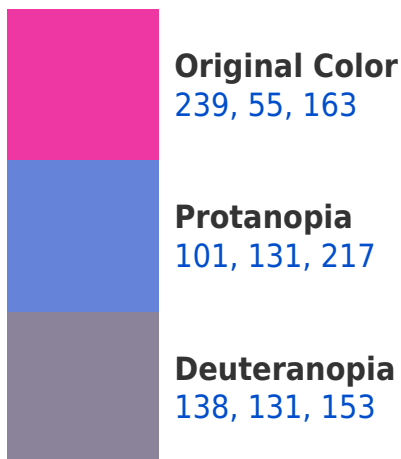


This preview shows how white text looks on a background with the RGB color 239, 55, 163.

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
233, 80, 84

Trichromacy



Original Color

239, 55, 163



Protanomaly

151, 103, 197



Deuteranomaly

175, 103, 157



Tritanomaly

235, 71, 113

Monochromacy



Original Color

239, 55, 163



Achromatopsia

122, 122, 122



Achromatomaly

165, 98, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 239, 55, 163 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(239, 55, 163) looks like.

```
.text, #text, p{  
  color:rgb(239, 55, 163)  
}
```

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(239, 55, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 55, 163) }
```

Border

The CSS property to change the border of an element to RGB 239, 55, 163 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(239, 55, 163) }
```

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

```
.border{ border-color:rgb(239, 55, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 55, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 55, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 55, 163);  
box-shadow:4px 4px 4px 4px rgb(239, 55,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 239, 55, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 55, 163) }
```

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

```
.background{ background-color: rgb(239, 55,  
163) }
```

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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