

Converting Colors

RGB(235, 57, 146)

Have a look what the booklet for
RGB(235, 57, 146) contains.

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Color

RGB(235, 57, 146)

Conversions

Conversions Part 1

Format	Color
Hex	EB3992
RGB	235, 57, 146
RGB Percent	92%, 22%, 57%
CMY	0.0784, 0.7765, 0.4275
CMYK	0.00, 0.76, 0.38, 0.08
HSL	330°, 82%, 57%
HSV	330°, 76%, 92%
XYZ	40.9124, 22.6637, 29.4123
YIQ	120.3680, 77.5190, 65.4150

Conversions

Conversions Part 2

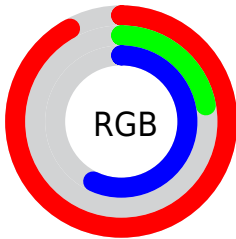
Format	Color
R _Y B	235, 57, 146
Decimal	15415698
CIE Lab	54.72, 72.68, -7.35
CIE LCh	55, 73.046, 354.227
Yxy	22.6637, 0.4400, 0.2437
Android (android.graphics.Color)	4293605778 (0xFFEB3992)
YUV	120.3680, 12.6366, 100.5323
Hunter-Lab	47.6065, 70.0893, -3.3062

Details

The RGB color **235, 57, 146** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **57, 235, 146**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 120, 200**, and **174, 0, 96** is the 20% darker color. If you saturate the color by 10%, you get **235, 33, 134**, and if you desaturate by 10%, it is **235, 81, 158**.

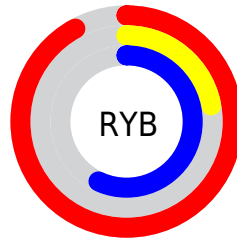
Distribution



Red (92%)

Green (22%)

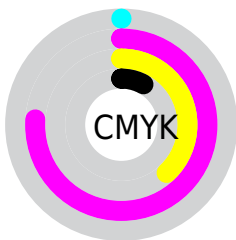
Blue (57%)



Red (92%)

Yellow (22%)

Blue (57%)

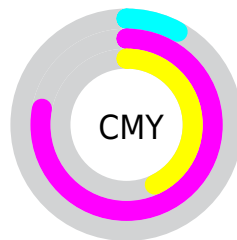


Cyan (0%)

Magenta (76%)

Yellow (38%)

Black (8%)



Cyan (8%)


Magenta (78%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 57, 146 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 235, 57, 146 by changing the saturation by 10% instead.

 235, 57, 146

 235, 57, 146

255, 255, 255

 204, 5, 120

 255, 120, 200

 174, 0, 96

 255, 149, 228

 144, 0, 72

 255, 179, 255

 114, 0, 50

 255, 209, 255


 85, 0, 29

 255, 239, 255

 57, 0, 2

 17, 0, 0

 0, 0, 0

 235, 57, 146

 235, 57, 146

■ 235, 33, 134

■ 235, 81, 158

■ 235, 10, 122

■ 235, 104, 170

■ 235, 0, 118

■ 235, 127, 181

■ 235, 151, 193

■ 235, 175, 205

■ 235, 198, 216

■ 235, 221, 228

■ 235, 245, 240

■ 235, 255, 252

Harmonies

Analogous

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



194, 87, 206



235, 57, 146



239, 64, 83

Triad

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



235, 57, 146



109, 143, 0



0, 155, 233

Complementary

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



235, 57, 146



57, 235, 146

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, 159, 181



235, 57, 146



0, 153, 50

Square

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



235, 57, 146



168, 124, 0



0, 158, 116



0, 143, 255

Rectangle

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



235, 57, 146



225, 85, 43



0, 158, 116



0, 157, 218

Sweetspot

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



235, 57, 146



255, 196, 226



146, 57, 235



128, 92, 110



0, 0, 0



128, 128, 128

Same Dimension

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



235, 57, 146



255, 23, 139



235, 57, 57



117, 106, 111



181, 0, 91



54, 0, 27

Inverse Universe

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



235, 57, 146



255, 23, 139



57, 235, 235



117, 106, 111



181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 235, 57, 146 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 235, 57, 146 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 235, 57, 146 Background



This preview shows how black text looks on a background with the RGB color 235, 57, 146.



This preview shows how white text looks on a background with the RGB color 235, 57, 146.

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
235, 57, 146

Protanopia
110, 129, 193

Deuteranopia
142, 127, 137



Tritanopia
231, 76, 80

Trichromacy



Original Color

235, 57, 146



Protanomaly

155, 103, 176



Deuteranomaly

176, 102, 140



Tritanomaly

232, 69, 104

Monochromacy



Original Color

235, 57, 146



Achromatopsia

120, 120, 120



Achromatomaly

162, 97, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 57, 146 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(235, 57, 146)` looks like.

```
.text, #text, p{  
  color:rgb(235, 57, 146)  
}
```

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(235, 57, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 57, 146) }
```

Border

The CSS property to change the border of an element to RGB 235, 57, 146 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(235, 57, 146) }
```

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

```
.border{ border-color:rgb(235, 57, 146) }
```

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

Here you see how a box with a 4 pixel rgb(235, 57, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 57, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 57, 146);  
box-shadow:4px 4px 4px 4px rgb(235, 57,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 235, 57, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 57, 146) }
```

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

```
.background{ background-color: rgb(235, 57,  
146) }
```

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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