

Converting Colors

RGB(237, 39, 148)

Have a look what the booklet for
RGB(237, 39, 148) contains.

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Color

RGB(237, 39, 148)

Conversions

Conversions Part 1

Format	Color
Hex	ED2794
RGB	237, 39, 148
RGB Percent	93%, 15%, 58%
CMY	0.0706, 0.8471, 0.4196
CMYK	0.00, 0.84, 0.38, 0.07
HSL	327°, 85%, 54%
HSV	327°, 84%, 93%
XYZ	40.9959, 21.5937, 30.0242
YIQ	110.6280, 83.0190, 75.8750

Conversions

Conversions Part 2

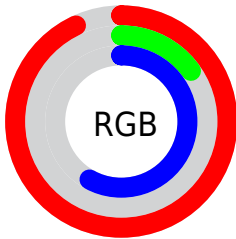
Format	Color
R _Y B	237, 39, 148
Decimal	15542164
CIE Lab	53.59, 77.81, -10.19
CIE LCh	54, 78.472, 352.540
Yxy	21.5937, 0.4427, 0.2332
Android (android.graphics.Color)	4293732244 (0xFFED2794)
YUV	110.6280, 18.4244, 110.8282
Hunter-Lab	46.4690, 76.1555, -5.7798

Details

The RGB color **237, 39, 148** 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 **39, 237, 128**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **255, 109, 202**, and **175, 0, 97** is the 20% darker color. If you saturate the color by 10%, you get **237, 15, 137**, and if you desaturate by 10%, it is **237, 63, 159**.

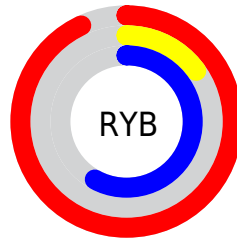
Distribution



Red (93%)

Green (15%)

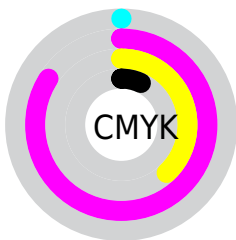
Blue (58%)



Red (93%)

Yellow (15%)

Blue (58%)

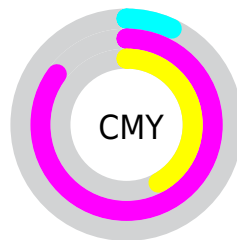


Cyan (0%)

Magenta (84%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (85%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 39, 148 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 237, 39, 148 by changing the saturation by 10% instead.

 237, 39, 148

 237, 39, 148

255, 255, 255

 206, 0, 122

 255, 109, 202

 175, 0, 97

 255, 140, 230

 145, 0, 74

 255, 170, 255

 115, 0, 51

 255, 199, 255

 86, 0, 30

 255, 230, 255

 58, 0, 2

 17, 0, 0

 0, 0, 0

 237, 39, 148

 237, 39, 148

■ 237, 15, 137

■ 237, 63, 159

■ 237, 0, 130

■ 237, 86, 169

■ 237, 110, 180

■ 237, 134, 191

■ 237, 157, 201

■ 237, 181, 212

■ 237, 205, 223

■ 237, 229, 233

■ 237, 252, 244

Harmonies

Analogous

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



191, 81, 211



237, 39, 148



242, 47, 81

Triad

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



237, 39, 148



106, 140, 0



0, 154, 235

Complementary

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



237, 39, 148



39, 237, 128

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, 157, 178



237, 39, 148



0, 151, 34

Square

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



237, 39, 148



169, 119, 0



0, 156, 108



0, 142, 255

Rectangle

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



237, 39, 148



228, 74, 37



0, 156, 108



0, 155, 219

Sweetspot

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



237, 39, 148



255, 191, 226



125, 39, 237



128, 89, 110



0, 0, 0



128, 128, 128

Same Dimension

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



237, 39, 148



255, 0, 140



237, 39, 52



117, 106, 112



181, 0, 100



54, 0, 29

Inverse Universe

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



237, 39, 148



255, 0, 140



39, 237, 224



117, 106, 112



181, 0, 100



54, 0, 29

Previews

White Background



This preview shows how the RGB color 237, 39, 148 looks on a white background.

Color Contrast Check

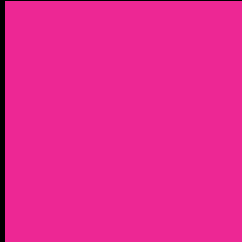
Large Text (above 18pt) WCAG AA ✓ Pass

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 237, 39, 148 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 237, 39, 148 Background



This preview shows how black text looks on a background with the RGB color 237, 39, 148.

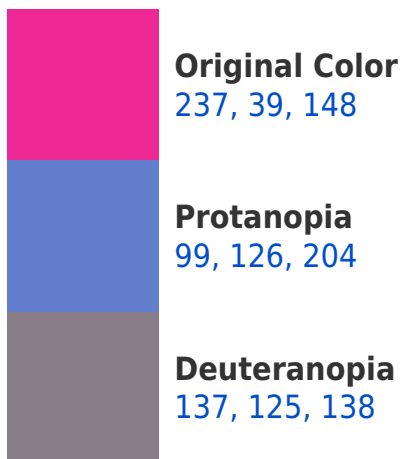


This preview shows how white text looks on a background with the RGB color 237, 39, 148.

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
232, 67, 70

Trichromacy



Original Color

237, 39, 148



Protanomaly

149, 94, 184



Deuteranomaly

173, 94, 142



Tritanomaly

234, 57, 98

Monochromacy



Original Color

237, 39, 148



Achromatopsia

111, 111, 111



Achromatomaly

157, 85, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 39, 148 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(237, 39, 148)` looks like.

```
.text, #text, p{  
    color:rgb(237, 39, 148)  
}
```

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(237, 39, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 39, 148) }
```

Border

The CSS property to change the border of an element to RGB 237, 39, 148 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(237, 39, 148) }
```

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

```
.border{ border-color:rgb(237, 39, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 39, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 39, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 39, 148);  
box-shadow:4px 4px 4px 4px rgb(237, 39,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 237, 39, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 39, 148) }
```

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

```
.background{ background-color: rgb(237, 39,  
148) }
```

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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