

Converting Colors

RGB(237, 71, 141)

Have a look what the booklet for
RGB(237, 71, 141) contains.

RGB(237, 71, 141)	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(237, 71, 141)

Conversions

Conversions Part 1	
Format	Color
Hex	ED478D
RGB	237, 71, 141
RGB Percent	93%, 28%, 55%
CMY	0.0706, 0.7216, 0.4471
CMYK	0.00, 0.70, 0.41, 0.07
HSL	335°, 82%, 60%
HSV	335°, 70%, 93%
XYZ	41.9860, 24.4341, 27.7026
YIQ	128.6140, 76.4660, 56.9620

Conversions

Conversions Part 2

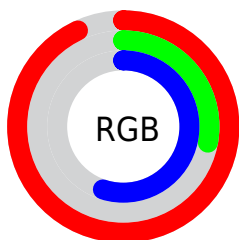
Format	Color
RYB	237, 71, 141
Decimal	15550349
CIELab	56.52, 68.21, -1.70
CIELCh	57, 68.231, 358.575
Yxy	24.4341, 0.4461, 0.2596
Android (android.graphics.Color)	4293740429 (0xFFED478D)
YUV	128.6140, 6.1063, 95.0545
Hunter-Lab	49.4308, 65.1119, 1.3736

Details

The RGB color **237, 71, 141** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **71, 237, 167**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **255, 130, 194**, and **176, 0, 91** is the 20% darker color. If you saturate the color by 10%, you get **237, 47, 127**, and if you desaturate by 10%, it is **237, 95, 155**.

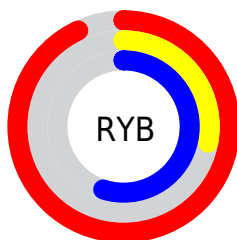
Distribution



Red (93%)

Green (28%)

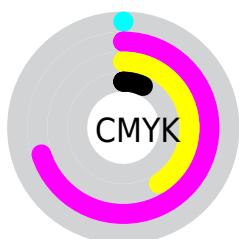
Blue (55%)



Red (93%)

Yellow (28%)

Blue (55%)

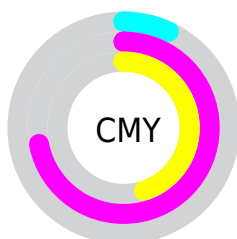


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (7%)



Cyan (7%)
















Magenta (72%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 71, 141 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, 71, 141 by changing the saturation by 10% instead.

 237, 71, 141	 237, 71, 141
255, 255, 255	 206, 36, 116
 255, 130, 194	 176, 0, 91
 255, 159, 222	 146, 0, 68
 255, 189, 251	 116, 0, 46
 255, 218, 255	 87, 0, 25
 255, 248, 255	 60, 0, 3
	 22, 0, 0
	 0, 0, 0

 237, 71, 141	 237, 71, 141
--	--

 237, 47, 127

 237, 95, 155


 237, 24, 114

 237, 118, 168

 237, 0, 100

 237, 142, 182

 237, 166, 196

 237, 189, 210

 237, 213, 223

 237, 237, 237

 237, 255, 251

 237, 255, 255

Harmonies

Analogous

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



203, 92, 198



237, 71, 141



237, 81, 83

Triad

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



237, 71, 141



107, 148, 0



0, 157, 237

Complementary

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



237, 71, 141



71, 237, 167

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, 191



237, 71, 141



0, 158, 69

Square

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



237, 71, 141



165, 132, 0



0, 162, 131



0, 144, 255

Rectangle

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



237, 71, 141



221, 98, 46



0, 162, 131



0, 159, 224

Sweetspot

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



237, 71, 141



255, 201, 224



165, 71, 237



128, 96, 109



0, 0, 0



128, 128, 128

Same Dimension

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



237, 71, 141



255, 41, 131



237, 82, 71



117, 106, 111



181, 0, 76



54, 0, 23

Inverse Universe

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



237, 71, 141



255, 41, 131



71, 226, 237



117, 106, 111



181, 0, 76



54, 0, 23

Previews

White Background



This preview shows how the RGB color 237, 71, 141 looks on a white background.

Color Contrast Check

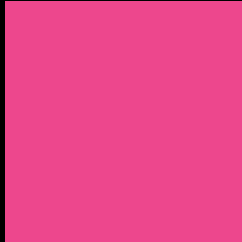
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71, 141 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, 71, 141 Background



This preview shows how black text looks on a background with the RGB color 237, 71, 141.



This preview shows how white text looks on a background with the RGB color 237, 71, 141.

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

237, 71, 141

Protanopia

123, 134, 181

Deuteranopia

150, 131, 133



Tritanopia

234, 84, 89

Trichromacy



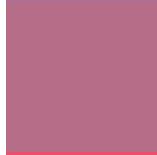
Original Color

237, 71, 141



Protanomaly

164, 111, 166



Deuteranomaly

182, 109, 136



Tritanomaly

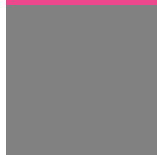
235, 79, 108

Monochromacy



Original Color

237, 71, 141



Achromatopsia

129, 129, 129



Achromatomaly

168, 108, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 71, 141 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, 71, 141) looks like.

```
.text, #text, p{  
    color:rgb(237, 71, 141)  
}
```

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, 71, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 71, 141) }
```

Border

The CSS property to change the border of an element to RGB 237, 71, 141 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, 71, 141) }
```

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

```
.border{ border-color:rgb(237, 71, 141) }
```

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

Here you see how a box with a 4 pixel rgb(237, 71, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 71, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 71, 141);  
box-shadow:4px 4px 4px 4px rgb(237, 71,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 237, 71, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 71, 141) }
```

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

```
.background{ background-color: rgb(237, 71,  
141) }
```

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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