

Converting Colors

RGB(237, 93, 179)

Have a look what the booklet for
RGB(237, 93, 179) contains.

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Color

RGB(237, 93, 179)

Conversions

Conversions Part 1

Format	Color
Hex	ED5DB3
RGB	237, 93, 179
RGB Percent	93%, 36%, 70%
CMY	0.0706, 0.6353, 0.2980
CMYK	0.00, 0.61, 0.24, 0.07
HSL	324°, 80%, 65%
HSV	324°, 61%, 93%
XYZ	46.9761, 29.0879, 45.7864
YIQ	145.8600, 58.2180, 57.2740

Conversions

Conversions Part 2

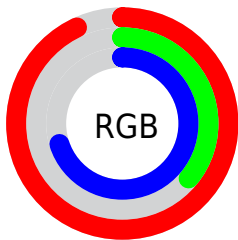
Format	Color
R _Y B	237, 93, 179
Decimal	15556019
CIE Lab	60.86, 64.03, -17.32
CIE LCh	61, 66.333, 344.862
Yxy	29.0879, 0.3855, 0.2387
Android (android.graphics.Color)	4293746099 (0xFFED5DB3)
YUV	145.8600, 16.3380, 79.9298
Hunter-Lab	53.9332, 61.0913, -12.5808

Details

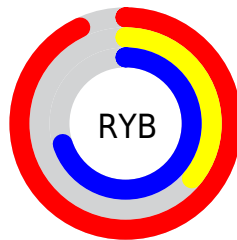
The RGB color **237, 93, 179** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **93, 237, 151**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 150, 235**, and **178, 29, 126** is the 20% darker color. If you saturate the color by 10%, you get **237, 69, 169**, and if you desaturate by 10%, it is **237, 117, 189**.

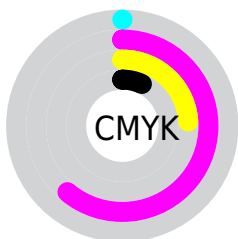
Distribution



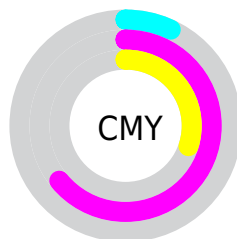
- Red (93%)
- Green (36%)
- Blue (70%)



- Red (93%)
- Yellow (36%)
- Blue (70%)



- Cyan (0%)
- Magenta (61%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 93, 179 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, 93, 179 by changing the saturation by 10% instead.

 237, 93, 179

 237, 93, 179

255, 255, 255

 207, 63, 152

 255, 150, 235

 178, 29, 126

 255, 179, 255

 149, 0, 101

 255, 208, 255

 120, 0, 77

 255, 237, 255

 92, 0, 54


 66, 0, 33

 38, 0, 5

 0, 0, 0

 237, 93, 179

 237, 93, 179

 237, 69, 169

 237, 117, 189


 237, 46, 160

 237, 140, 198

 237, 22, 150

 237, 164, 208

 237, 0, 142

 237, 188, 217

 237, 211, 227

 237, 235, 236

 237, 255, 246

 237, 255, 255

Harmonies

Analogous

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



186, 118, 231



237, 93, 179



252, 89, 120

Triad

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



237, 93, 179



148, 153, 0



0, 171, 229

Complementary

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



237, 93, 179



93, 237, 151

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, 174, 175



237, 93, 179



79, 166, 57

Square

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



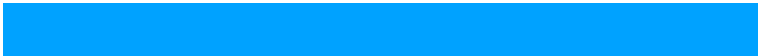
237, 93, 179



200, 133, 15



0, 172, 114



0, 162, 255

Rectangle

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



237, 93, 179



245, 100, 83



0, 172, 114



0, 173, 212

Sweetspot

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



237, 93, 179



255, 209, 237



151, 93, 237



128, 99, 116



0, 0, 0



128, 128, 128

Same Dimension

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



237, 93, 179



255, 69, 180



237, 93, 107



117, 106, 113



181, 0, 108



54, 0, 32

Inverse Universe

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



237, 93, 179



255, 69, 180



93, 237, 223



117, 106, 113



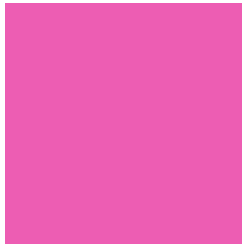
181, 0, 108



54, 0, 32

Previews

White Background



This preview shows how the RGB color 237, 93, 179 looks on a white background.

Color Contrast Check

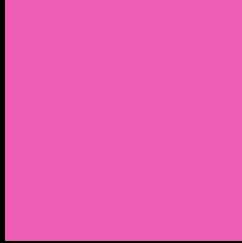
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93, 179 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, 93, 179 Background



This preview shows how black text looks on a background with the RGB color 237, 93, 179.



This preview shows how white text looks on a background with the RGB color 237, 93, 179.

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, 93, 179

Protanopia
123, 145, 217

Deuteranopia
150, 144, 171



Tritanopia
231, 108, 116

Trichromacy



Original Color

237, 93, 179



Protanomaly

164, 126, 203



Deuteranomaly

182, 125, 174



Tritanomaly

233, 103, 139

Monochromacy



Original Color

237, 93, 179



Achromatopsia

146, 146, 146



Achromatomaly

179, 127, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 93, 179 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, 93, 179)` looks like.

```
.text, #text, p{  
    color:rgb(237, 93, 179)  
}
```

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, 93, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 93, 179) }
```

Border

The CSS property to change the border of an element to RGB 237, 93, 179 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, 93, 179) }
```

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

```
.border{ border-color:rgb(237, 93, 179) }
```

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

Here you see how a box with a 4 pixel rgb(237, 93, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 93, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 93, 179);  
box-shadow:4px 4px 4px 4px rgb(237, 93,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 237, 93, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 93, 179) }
```

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

```
.background{ background-color: rgb(237, 93,  
179) }
```

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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