

Converting Colors

RGB(236, 71, 155)

Have a look what the booklet for
RGB(236, 71, 155) contains.

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Color

RGB(236, 71, 155)

Conversions

Conversions Part 1

Format	Color
Hex	EC479B
RGB	236, 71, 155
RGB Percent	93%, 28%, 61%
CMY	0.0745, 0.7216, 0.3922
CMYK	0.00, 0.70, 0.34, 0.07
HSL	329°, 81%, 60%
HSV	329°, 70%, 93%
XYZ	42.7617, 24.7059, 33.5253
YIQ	129.9110, 71.3760, 61.1040

Conversions

Conversions Part 2

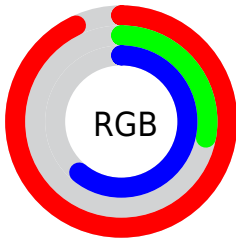
Format	Color
R _Y B	236, 71, 155
Decimal	15484827
CIE Lab	56.79, 69.39, -9.56
CIE LCh	57, 70.041, 352.159
Yxy	24.7059, 0.4234, 0.2446
Android (android.graphics.Color)	4293674907 (0xFFEC479B)
YUV	129.9110, 12.3689, 93.0401
Hunter-Lab	49.7050, 66.5814, -5.1967

Details

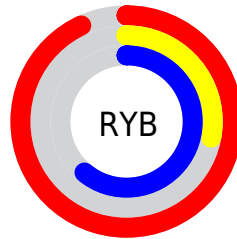
The RGB color **236, 71, 155** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **71, 236, 152**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 131, 209**, and **175, 0, 104** is the 20% darker color. If you saturate the color by 10%, you get **236, 47, 143**, and if you desaturate by 10%, it is **236, 95, 167**.

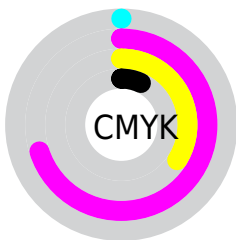
Distribution



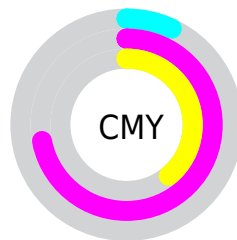
- Red (93%)
- Green (28%)
- Blue (61%)



- Red (93%)
- Yellow (28%)
- Blue (61%)



- Cyan (0%)
- Magenta (70%)
- Yellow (34%)
- Black (7%)



- Cyan (7%)
- Magenta (72%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 71, 155 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 236, 71, 155 by changing the saturation by 10% instead.

 236, 71, 155

 236, 71, 155

255, 255, 255

 206, 35, 129

 255, 131, 209

 175, 0, 104

 255, 160, 238

 146, 0, 80

 255, 189, 255

 116, 0, 57

 255, 219, 255

 88, 0, 36

 255, 249, 255

 61, 0, 12

 25, 0, 1


 0, 0, 0


 236, 71, 155

 236, 71, 155


 236, 47, 143

 236, 95, 167

 236, 24, 132


 236, 118, 178

 236, 0, 120

 236, 142, 190

 236, 0, 120

 236, 165, 201

 236, 189, 213

 236, 213, 225

 236, 236, 236

 236, 255, 248

 236, 255, 255

Harmonies

Analogous

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



193, 97, 212



236, 71, 155



242, 74, 94

Triad

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



236, 71, 155



121, 147, 0



0, 160, 232

Complementary

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



236, 71, 155



71, 236, 152

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, 164, 181



236, 71, 155



21, 157, 55

Square

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



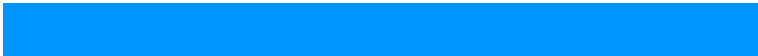
236, 71, 155



177, 128, 0



0, 163, 118



0, 148, 255

Rectangle

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



236, 71, 155



230, 92, 56



0, 163, 118



0, 162, 217

Sweetspot

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



236, 71, 155



255, 201, 229



151, 71, 236



128, 96, 112



0, 0, 0



128, 128, 128

Same Dimension

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



236, 71, 155



255, 41, 150



236, 71, 74



117, 106, 112



181, 0, 92



54, 0, 27

Inverse Universe

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



236, 71, 155



255, 41, 150



71, 236, 233



117, 106, 112



181, 0, 92



54, 0, 27

Previews

White Background



This preview shows how the RGB color 236, 71, 155 looks on a white background.

Color Contrast Check

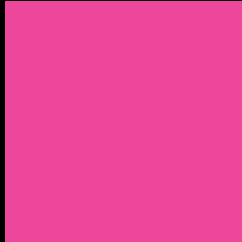
Large Text (above 18pt) WCAG AA ✓ Pass

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 236, 71, 155 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 236, 71, 155 Background



This preview shows how black text looks on a background with the RGB color 236, 71, 155.

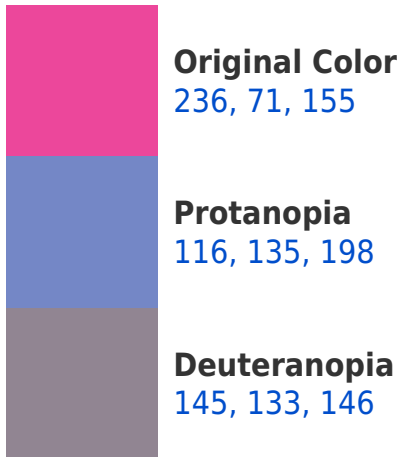


This preview shows how white text looks on a background with the RGB color 236, 71, 155.

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](#).

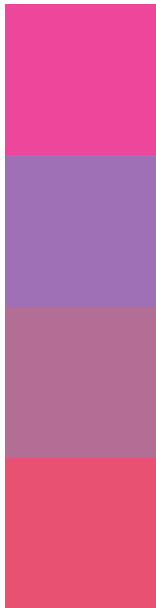
Dichromacy





Tritanopia
231, 87, 92

Trichromacy



Original Color
236, 71, 155

Protanomaly
160, 112, 182

Deuteranomaly
178, 110, 149

Tritanomaly
233, 81, 115

Monochromacy



Original Color
236, 71, 155

Achromatopsia
130, 130, 130

Achromatomaly
169, 109, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 71, 155 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(236, 71, 155) looks like.

```
.text, #text, p{  
    color:rgb(236, 71, 155)  
}
```

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(236, 71, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 71, 155) }
```

Border

The CSS property to change the border of an element to RGB 236, 71, 155 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(236, 71, 155) }
```

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

```
.border{ border-color:rgb(236, 71, 155) }
```

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

Here you see how a box with a 4 pixel rgb(236, 71, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 71, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 71, 155);  
box-shadow:4px 4px 4px 4px rgb(236, 71,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 236, 71, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 71, 155) }
```

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

```
.background{ background-color: rgb(236, 71,  
155) }
```

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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