

Converting Colors

RGB(236, 70, 190)

Have a look what the booklet for
RGB(236, 70, 190) contains.

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Color

RGB(236, 70, 190)

Conversions

Conversions Part 1

Format	Color
Hex	EC46BE
RGB	236, 70, 190
RGB Percent	93%, 27%, 75%
CMY	0.0745, 0.7255, 0.2549
CMYK	0.00, 0.70, 0.19, 0.07
HSL	317°, 81%, 60%
HSV	317°, 70%, 93%
XYZ	46.0765, 25.9309, 51.2919
YIQ	133.3140, 60.4160, 72.5120

Conversions

Conversions Part 2

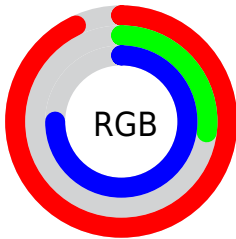
Format	Color
R _{YB}	236, 70, 190
Decimal	15484606
CIE _{Lab}	57.97, 73.94, -28.08
CIE _{LCh}	58, 79.092, 339.204
Yxy	25.9309, 0.3737, 0.2103
Android (android.graphics.Color)	4293674686 (0xFFEC46BE)
YUV	133.3140, 27.9462, 90.0556
Hunter-Lab	50.9224, 72.3994, -24.0745

Details

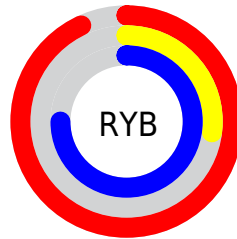
The RGB color **236, 70, 190** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **70, 236, 116**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 131, 247**, and **176, 0, 136** is the 20% darker color. If you saturate the color by 10%, you get **236, 46, 183**, and if you desaturate by 10%, it is **236, 94, 197**.

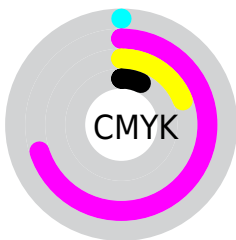
Distribution



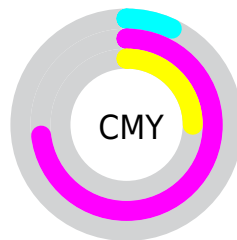
- Red (93%)
- Green (27%)
- Blue (75%)



- Red (93%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (7%)


















- Cyan (7%)
- Magenta (73%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 70, 190 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, 70, 190 by changing the saturation by 10% instead.

 236, 70, 190	 236, 70, 190
255, 255, 255	 206, 32, 163
 255, 131, 247	 176, 0, 136
 255, 160, 255	 147, 0, 111
 255, 190, 255	 118, 0, 86
 255, 219, 255	 89, 0, 62
 255, 249, 255	 63, 0, 40
	 33, 0, 17
	 0, 0, 0

 236, 70, 190	 236, 70, 190
--	--

■ 236, 46, 183

■ 236, 94, 197

■ 236, 23, 177

■ 236, 117, 203

■ 236, 0, 171

■ 236, 141, 210

■ 236, 164, 216

■ 236, 188, 223

■ 236, 212, 229

■ 236, 235, 236

■ 236, 255, 242

■ 236, 255, 249

Harmonies

Analogous

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



166, 110, 248



236, 70, 190



255, 52, 121

Triad

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



236, 70, 190



149, 143, 0



0, 168, 226

Complementary

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



236, 70, 190



70, 236, 116

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, 169, 160



236, 70, 190



70, 159, 0

Square

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



236, 70, 190



206, 118, 0



0, 166, 87



0, 160, 255

Rectangle

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



236, 70, 190



254, 70, 76



0, 166, 87



0, 169, 205

Sweetspot

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



236, 70, 190



255, 201, 240



114, 70, 236



128, 96, 119



0, 0, 0



128, 128, 128

Same Dimension

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



236, 70, 190



255, 41, 196



236, 70, 109



117, 106, 114



181, 0, 131



54, 0, 39

Inverse Universe

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



236, 70, 190



255, 41, 196



70, 236, 197



117, 106, 114



181, 0, 131



54, 0, 39

Previews

White Background



This preview shows how the RGB color 236, 70, 190 looks on a white background.

Color Contrast Check

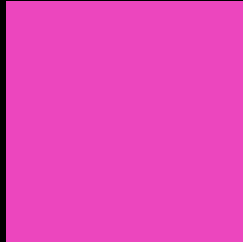
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70, 190 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, 70, 190 Background



This preview shows how black text looks on a background with the RGB color 236, 70, 190.

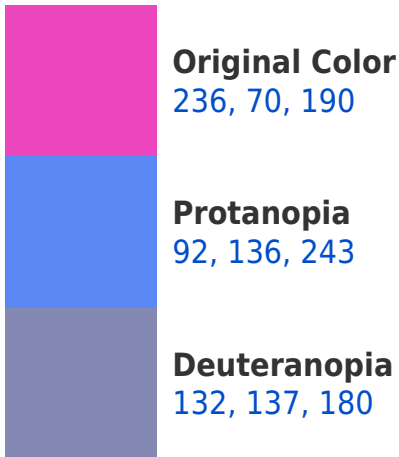



This preview shows how white text looks on a background with the RGB color 236, 70, 190.

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
228, 96, 102

Trichromacy



Original Color

236, 70, 190



Protanomaly

144, 112, 224



Deuteranomaly

170, 113, 184



Tritanomaly

231, 87, 134

Monochromacy



Original Color

236, 70, 190



Achromatopsia

133, 133, 133



Achromatomaly

170, 110, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 70, 190 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, 70, 190)` looks like.

```
.text, #text, p{  
    color:rgb(236, 70, 190)  
}
```

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, 70, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 70, 190) }
```

Border

The CSS property to change the border of an element to RGB 236, 70, 190 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, 70, 190) }
```

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

```
.border{ border-color:rgb(236, 70, 190) }
```

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

Here you see how a box with a 4 pixel rgb(236, 70, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 70, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 70, 190);  
box-shadow:4px 4px 4px 4px rgb(236, 70,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 236, 70, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 70, 190) }
```

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

```
.background{ background-color: rgb(236, 70,  
190) }
```

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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