

Converting Colors

RGB(236, 54, 166)

Have a look what the booklet for
RGB(236, 54, 166) contains.

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Color

RGB(236, 54, 166)

Conversions

Conversions Part 1

Format	Color
Hex	EC36A6
RGB	236, 54, 166
RGB Percent	93%, 21%, 65%
CMY	0.0745, 0.7882, 0.3490
CMYK	0.00, 0.77, 0.30, 0.07
HSL	323°, 83%, 57%
HSV	323°, 77%, 93%
XYZ	42.7942, 23.2244, 38.3036
YIQ	121.1860, 72.5200, 73.4160

Conversions

Conversions Part 2

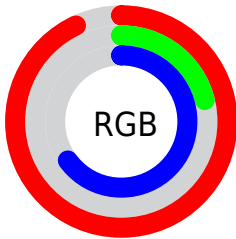
Format	Color
R _{YB}	236, 54, 166
Decimal	15480486
CIE Lab	55.30, 75.88, -18.25
CIE LCh	55, 78.048, 346.477
Yxy	23.2244, 0.4102, 0.2226
Android (android.graphics.Color)	4293670566 (0xFFEC36A6)
YUV	121.1860, 22.0933, 100.6919
Hunter-Lab	48.1917, 74.1724, -13.3906

Details

The RGB color **236, 54, 166** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **54, 236, 124**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **255, 119, 221**, and **175, 0, 114** is the 20% darker color. If you saturate the color by 10%, you get **236, 30, 157**, and if you desaturate by 10%, it is **236, 78, 175**.

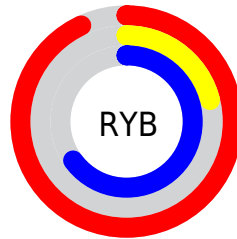
Distribution



Red (93%)

Green (21%)

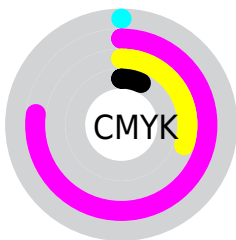
Blue (65%)



Red (93%)

Yellow (21%)

Blue (65%)

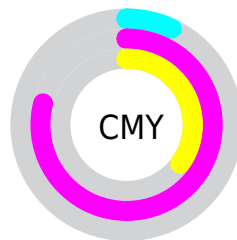


Cyan (0%)

Magenta (77%)

Yellow (30%)

Black (7%)



Cyan (7%)

Magenta (79%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 54, 166 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, 54, 166 by changing the saturation by 10% instead.

 236, 54, 166

 236, 54, 166

255, 255, 255

 205, 0, 140

 255, 119, 221

 175, 0, 114

 255, 148, 250

 146, 0, 89

 255, 178, 255

 116, 0, 66

 255, 208, 255

 87, 0, 44

 255, 238, 255

 59, 0, 23

 25, 0, 1

 0, 0, 0

 236, 54, 166

 236, 54, 166

■ 236, 30, 157

■ 236, 78, 175

■ 236, 7, 148

■ 236, 101, 184

■ 236, 0, 145

■ 236, 125, 193

■ 236, 148, 202

■ 236, 172, 211

■ 236, 196, 220

■ 236, 219, 230

■ 236, 243, 239

■ 236, 255, 248

Harmonies

Analogous

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



180, 94, 227



236, 54, 166



249, 49, 99

Triad

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



236, 54, 166



126, 141, 0



0, 159, 230

Complementary

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



236, 54, 166



54, 236, 124

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, 169



236, 54, 166



24, 154, 20

Square

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



236, 54, 166



185, 118, 0



0, 160, 98



0, 149, 255

Rectangle

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



236, 54, 166



239, 72, 55



0, 160, 98



0, 161, 212

Sweetspot

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



236, 54, 166



255, 196, 232



124, 54, 236



128, 92, 114



0, 0, 0



128, 128, 128

Same Dimension

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



236, 54, 166



255, 18, 164



236, 54, 75



117, 106, 113



181, 0, 111



54, 0, 33

Inverse Universe

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



236, 54, 166



255, 18, 164



54, 236, 215



117, 106, 113



181, 0, 111



54, 0, 33

Previews

White Background



This preview shows how the RGB color 236, 54, 166 looks on a white background.

Color Contrast Check

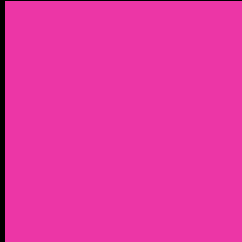
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54, 166 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, 54, 166 Background



This preview shows how black text looks on a background with the RGB color 236, 54, 166.

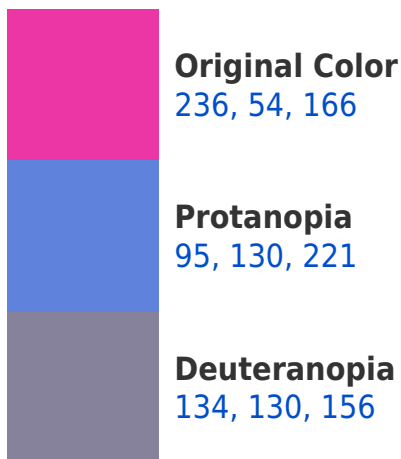


This preview shows how white text looks on a background with the RGB color 236, 54, 166.

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
230, 80, 85

Trichromacy



Original Color

236, 54, 166



Protanomaly

146, 102, 201



Deuteranomaly

171, 102, 160



Tritanomaly

232, 71, 114

Monochromacy



Original Color

236, 54, 166



Achromatopsia

121, 121, 121



Achromatomaly

163, 97, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 54, 166 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, 54, 166) looks like.

```
.text, #text, p{  
    color:rgb(236, 54, 166)  
}
```

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, 54, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 54, 166) }
```

Border

The CSS property to change the border of an element to RGB 236, 54, 166 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, 54, 166) }
```

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

```
.border{ border-color:rgb(236, 54, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 54, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 54, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 54, 166);  
box-shadow:4px 4px 4px 4px rgb(236, 54,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 236, 54, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 54, 166) }
```

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

```
.background{ background-color: rgb(236, 54,  
166) }
```

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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