

Converting Colors

RGB(235, 96, 230)

Have a look what the booklet for
RGB(235, 96, 230) contains.

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Color

RGB(235, 96, 230)

Conversions

Conversions Part 1

Format	Color
Hex	EB60E6
RGB	235, 96, 230
RGB Percent	92%, 38%, 90%
CMY	0.0784, 0.6235, 0.0980
CMYK	0.00, 0.59, 0.02, 0.08
HSL	302°, 78%, 65%
HSV	302°, 59%, 92%
XYZ	52.7267, 31.7411, 78.2105
YIQ	152.8370, 39.8300, 71.1420

Conversions

Conversions Part 2

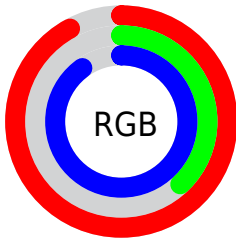
Format	Color
R _{YB}	235, 96, 230
Decimal	15425766
CIE _{Lab}	63.13, 69.76, -42.69
CIE _{LCh}	63, 81.788, 328.539
Y _{xy}	31.7411, 0.3241, 0.1951
Android (android.graphics.Color)	4293615846 (0xFFEB60E6)
Y _{UV}	152.8370, 38.0414, 72.0570
Hunter-Lab	56.3392, 68.4609, -42.8694

Details

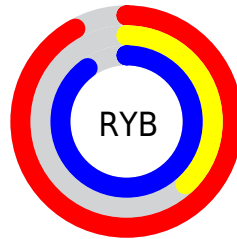
The RGB color **235, 96, 230** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **96, 235, 101**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 154, 255**, and **176, 31, 174** is the 20% darker color. If you saturate the color by 10%, you get **235, 73, 229**, and if you desaturate by 10%, it is **235, 120, 231**.

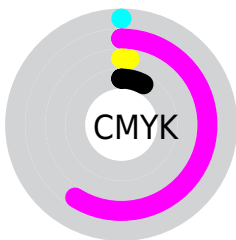
Distribution



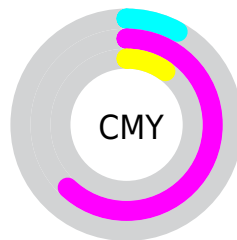
- Red (92%)
- Green (38%)
- Blue (90%)



- Red (92%)
- Yellow (38%)
- Blue (90%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (8%)


















- Cyan (8%)
- Magenta (62%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 235, 96, 230 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 235, 96, 230 by changing the saturation by 10% instead.

 235, 96, 230	 235, 96, 230
255, 255, 255	 205, 66, 202
 255, 154, 255	 176, 31, 174
 255, 182, 255	 147, 0, 147
 255, 212, 255	 119, 0, 121
 255, 241, 255	 91, 0, 95
	 65, 0, 71
	 37, 0, 48
	 0, 1, 26
	 0, 0, 0

 235, 96, 230


 235, 96, 230


 235, 73, 229

 235, 120, 231


 235, 49, 228

 235, 143, 232

 235, 25, 227

 235, 166, 233

 235, 2, 227

 235, 190, 233

 235, 0, 227

 235, 214, 234

 235, 237, 235

 235, 255, 236

 235, 255, 237

 235, 255, 238

Harmonies

Analogous

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



138, 135, 255



235, 96, 230



255, 65, 160

Triad

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



235, 96, 230



187, 149, 0



0, 184, 221

Complementary

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



235, 96, 230



96, 235, 101

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, 184, 147



235, 96, 230



115, 168, 0

Square

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



235, 96, 230



242, 118, 6



0, 179, 71



0, 179, 255

Rectangle

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



235, 96, 230



255, 71, 111



0, 179, 71



0, 185, 197

Sweetspot

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



235, 96, 230



255, 209, 253



101, 96, 235



128, 99, 126



0, 0, 0



128, 128, 128

Same Dimension

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



235, 96, 230



255, 74, 248



235, 96, 161



117, 106, 117



181, 0, 175



54, 0, 52

Inverse Universe

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



235, 96, 230



255, 74, 248



96, 235, 170



117, 106, 117



181, 0, 175



54, 0, 52

Previews

White Background



This preview shows how the RGB color 235, 96, 230 looks on a white background.

Color Contrast Check

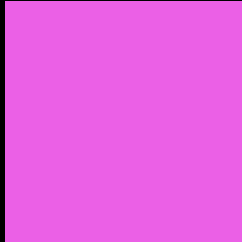
Large Text (above 18pt) WCAG AA × Fail

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 235, 96, 230 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 235, 96, 230 Background



This preview shows how black text looks on a background with the RGB color 235, 96, 230.



This preview shows how white text looks on a background with the RGB color 235, 96, 230.

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
235, 96, 230

Protanopia
109, 150, 255

Deuteranopia
126, 152, 221



Tritanopia
224, 123, 132

Trichromacy



Original Color
235, 96, 230



Protanomaly
155, 130, 246



Deuteranomaly
166, 132, 224

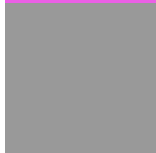


Tritanomaly
228, 113, 168

Monochromacy



Original Color
235, 96, 230



Achromatopsia
153, 153, 153



Achromatomaly
183, 132, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 96, 230 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(235, 96, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 96, 230)  
}
```

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(235, 96, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 96, 230) }
```

Border

The CSS property to change the border of an element to RGB 235, 96, 230 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(235, 96, 230) }
```

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

```
.border{ border-color:rgb(235, 96, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 96, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 96, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 96, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 96,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 235, 96, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 96, 230) }
```

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

```
.background{ background-color: rgb(235, 96,  
230) }
```

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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