

Converting Colors

RGB(231, 85, 224)

Have a look what the booklet for
RGB(231, 85, 224) contains.

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Color

RGB(231, 85, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E755E0
RGB	231, 85, 224
RGB Percent	91%, 33%, 88%
CMY	0.0941, 0.6667, 0.1216
CMYK	0.00, 0.63, 0.03, 0.09
HSL	303°, 75%, 62%
HSV	303°, 63%, 91%
XYZ	49.6580, 28.8677, 73.4758
YIQ	144.5000, 42.3970, 74.1810

Conversions

Conversions Part 2

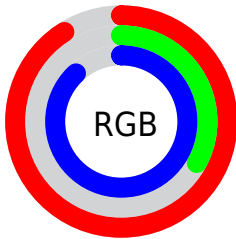
Format	Color
R _Y B	231, 85, 224
Decimal	15160800
CIE Lab	60.66, 72.25, -43.24
CIE LCh	61, 84.206, 329.099
Yxy	28.8677, 0.3267, 0.1899
Android (android.graphics.Color)	4293350880 (0xFFE755E0)
YUV	144.5000, 39.1935, 75.8605
Hunter-Lab	53.7287, 70.9510, -43.4709

Details

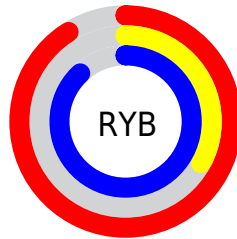
The RGB color **231, 85, 224** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **85, 231, 92**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 143, 255**, and **172, 3, 168** is the 20% darker color. If you saturate the color by 10%, you get **231, 62, 223**, and if you desaturate by 10%, it is **231, 108, 225**.

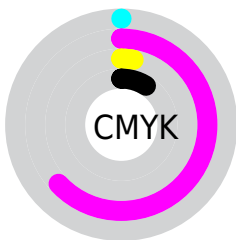
Distribution



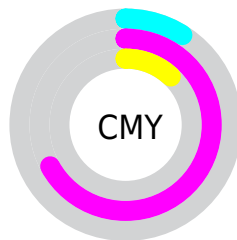
- Red (91%)
- Green (33%)
- Blue (88%)



- Red (91%)
- Yellow (33%)
- Blue (88%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (9%)


















- Cyan (9%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 85, 224 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 231, 85, 224 by changing the saturation by 10% instead.

 231, 85, 224	 231, 85, 224
255, 255, 255	 201, 53, 196
 255, 143, 255	 172, 3, 168
 255, 173, 255	 143, 0, 141
 255, 202, 255	 115, 0, 115
 255, 231, 255	 87, 0, 90
	 61, 0, 66
	 32, 0, 43
	 0, 1, 21
	 0, 0, 0

231, 85, 224

231, 85, 224

231, 62, 223

231, 108, 225

231, 39, 222

231, 131, 226

231, 16, 221

231, 154, 227

231, 0, 220

231, 177, 228

231, 201, 230

231, 224, 231

231, 247, 232

231, 255, 233

231, 255, 234

Harmonies

Analogous

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



131, 127, 255



231, 85, 224



255, 48, 152

Triad

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



231, 85, 224



179, 143, 0



0, 178, 217

Complementary

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



231, 85, 224



85, 231, 92

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, 178, 142



231, 85, 224



105, 163, 0

Square

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



231, 85, 224



235, 111, 0



0, 173, 63



0, 173, 255

Rectangle

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



231, 85, 224



255, 56, 103



0, 173, 63



0, 179, 193

Sweetspot

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



231, 85, 224



255, 207, 253



90, 85, 231



128, 98, 126



0, 0, 0



128, 128, 128

Same Dimension

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



231, 85, 224



255, 61, 246



231, 85, 153



115, 103, 114



179, 0, 170



51, 0, 49

Inverse Universe

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



231, 85, 224



255, 61, 246



85, 231, 163



115, 103, 114



179, 0, 170



51, 0, 49

Previews

White Background



This preview shows how the RGB color 231, 85, 224 looks on a white background.

Color Contrast Check

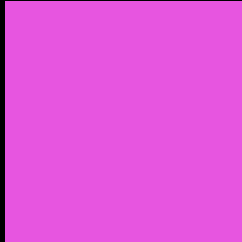
Large Text (above 18pt) WCAG AA ✓ Pass

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 231, 85, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

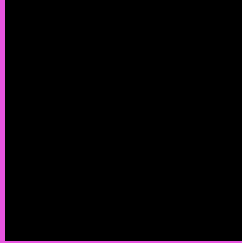
Any Text WCAG AA ✓ Pass

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 231, 85, 224 Background



This preview shows how black text looks on a background with the RGB color 231, 85, 224.

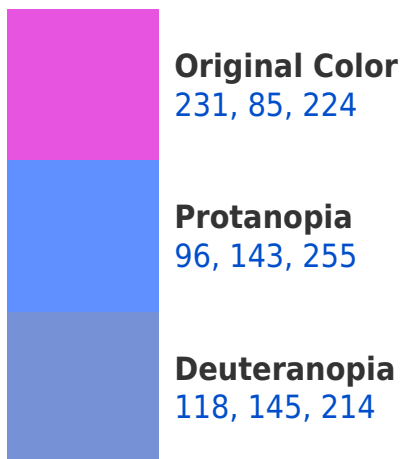


This preview shows how white text looks on a background with the RGB color 231, 85, 224.

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
220, 114, 123

Trichromacy



Original Color

231, 85, 224



Protanomaly

145, 122, 244



Deuteranomaly

159, 123, 218



Tritanomaly

224, 103, 160

Monochromacy



Original Color

231, 85, 224



Achromatopsia

145, 145, 145



Achromatomaly

176, 123, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 85, 224 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(231, 85, 224)` looks like.

```
.text, #text, p{  
    color:rgb(231, 85, 224)  
}
```

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(231, 85, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 85, 224) }
```

Border

The CSS property to change the border of an element to RGB 231, 85, 224 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(231, 85, 224) }
```

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

```
.border{ border-color:rgb(231, 85, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 85, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 85, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 85, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 85,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 231, 85, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 85, 224) }
```

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

```
.background{ background-color: rgb(231, 85,  
224) }
```

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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