

Converting Colors

RGB(230, 86, 222)

Have a look what the booklet for
RGB(230, 86, 222) contains.

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Color

RGB(230, 86, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E656DE
RGB	230, 86, 222
RGB Percent	90%, 34%, 87%
CMY	0.0980, 0.6627, 0.1294
CMYK	0.00, 0.63, 0.03, 0.10
HSL	303°, 74%, 62%
HSV	303°, 63%, 90%
XYZ	49.1457, 28.7525, 72.0668
YIQ	144.5600, 42.1680, 72.8240

Conversions

Conversions Part 2

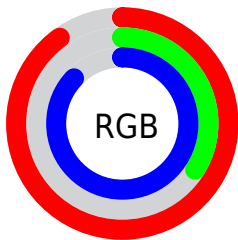
Format	Color
R _{YB}	230, 86, 222
Decimal	15095518
CIE _{Lab}	60.56, 71.30, -42.29
CIE _{LCh}	61, 82.903, 329.327
Yxy	28.7525, 0.3277, 0.1917
Android (android.graphics.Color)	4293285598 (0xFFE656DE)
YUV	144.5600, 38.1779, 74.9309
Hunter-Lab	53.6214, 69.7637, -42.1504

Details

The RGB color **230, 86, 222** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **86, 230, 94**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 144, 255**, and **171, 8, 166** is the 20% darker color. If you saturate the color by 10%, you get **230, 63, 221**, and if you desaturate by 10%, it is **230, 109, 223**.

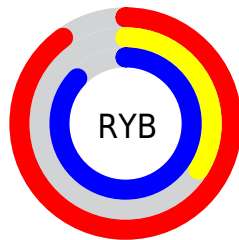
Distribution



Red (90%)

Green (34%)

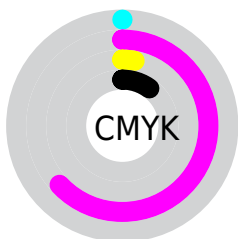
Blue (87%)



Red (90%)

Yellow (34%)

Blue (87%)

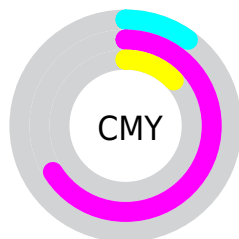


Cyan (0%)

Magenta (63%)

Yellow (3%)

Black (10%)



Cyan (10%)

















Magenta (66%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 86, 222 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 230, 86, 222 by changing the saturation by 10% instead.

 230, 86, 222	 230, 86, 222
 255, 255, 255	 200, 55, 194
 255, 144, 255	 171, 8, 166
 255, 173, 255	 142, 0, 140
 255, 202, 255	 114, 0, 114
 255, 232, 255	 86, 0, 88
	 61, 0, 65
	 31, 0, 41
	 0, 1, 19
	 0, 0, 0

■ 230, 86, 222

■ 230, 86, 222

■ 230, 63, 221

■ 230, 109, 223

■ 230, 40, 219

■ 230, 132, 225

■ 230, 17, 218

■ 230, 155, 226

■ 230, 0, 217

■ 230, 178, 227

■ 230, 201, 228

■ 230, 224, 230

■ 230, 247, 231

■ 230, 255, 232

■ 230, 255, 234

Harmonies

Analogous

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



133, 127, 255



230, 86, 222



255, 52, 151

Triad

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



230, 86, 222



178, 143, 0



0, 177, 216

Complementary

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



230, 86, 222



86, 230, 94

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, 177, 142



230, 86, 222



105, 162, 0

Square

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



230, 86, 222



233, 111, 0



0, 173, 65



0, 172, 255

Rectangle

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



230, 86, 222



255, 60, 103



0, 173, 65



0, 178, 193

Sweetspot

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



230, 86, 222



255, 207, 252



93, 86, 230



128, 98, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 86, 222



255, 64, 244



230, 86, 151



115, 103, 114



179, 0, 169



51, 0, 48

Inverse Universe

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



230, 86, 222



255, 64, 244



86, 230, 165



115, 103, 114



179, 0, 169



51, 0, 48

Previews

White Background



This preview shows how the RGB color 230, 86, 222 looks on a white background.

Color Contrast Check

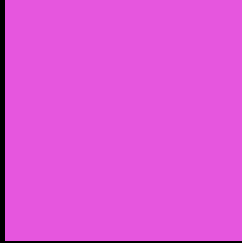
Large Text (above 18pt) WCAG AA ✓ Pass

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 230, 86, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

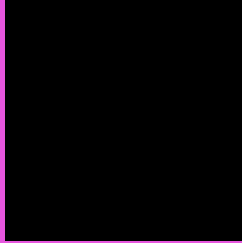
Any Text WCAG AA ✓ Pass

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 230, 86, 222 Background



This preview shows how black text looks on a background with the RGB color 230, 86, 222.

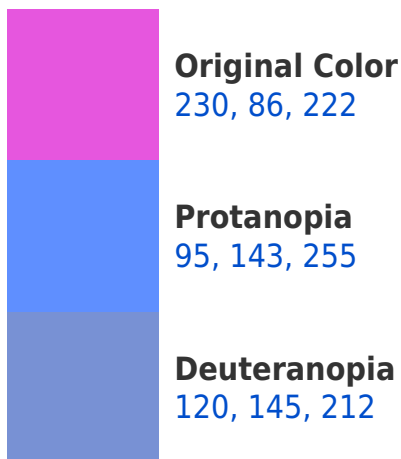


This preview shows how white text looks on a background with the RGB color 230, 86, 222.

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
219, 114, 123

Trichromacy



Original Color

230, 86, 222



Protanomaly

144, 122, 243



Deuteranomaly

160, 124, 216



Tritanomaly

223, 104, 159

Monochromacy



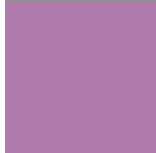
Original Color

230, 86, 222



Achromatopsia

145, 145, 145



Achromatomaly

176, 124, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 86, 222 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(230, 86, 222)` looks like.

```
.text, #text, p{  
    color:rgb(230, 86, 222)  
}
```

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(230, 86, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 86, 222) }
```

Border

The CSS property to change the border of an element to RGB 230, 86, 222 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(230, 86, 222) }
```

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

```
.border{ border-color:rgb(230, 86, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 86, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 86, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 86, 222);  
box-shadow:4px 4px 4px 4px rgb(230, 86,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 230, 86, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 86, 222) }
```

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

```
.background{ background-color: rgb(230, 86,  
222) }
```

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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