

Converting Colors

RGB(230, 124, 239)

Have a look what the booklet for
RGB(230, 124, 239) contains.

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Color

RGB(230, 124, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E67CEF
RGB	230, 124, 239
RGB Percent	90%, 49%, 94%
CMY	0.0980, 0.5137, 0.0627
CMYK	0.04, 0.48, 0.00, 0.06
HSL	295°, 78%, 71%
HSV	295°, 48%, 94%
XYZ	55.4208, 37.4703, 85.9728
YIQ	168.8040, 26.2610, 58.2370

Conversions

Conversions Part 2

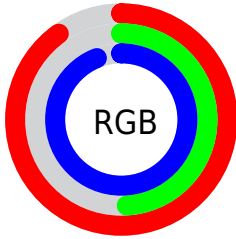
Format	Color
R _{YB}	230, 124, 239
Decimal	15105263
CIE Lab	67.63, 57.25, -40.67
CIE LCh	68, 70.223, 324.611
Yxy	37.4703, 0.3098, 0.2095
Android (android.graphics.Color)	4293295343 (0xFFE67CEF)
YUV	168.8040, 34.6066, 53.6689
Hunter-Lab	61.2130, 54.4869, -40.4230

Details

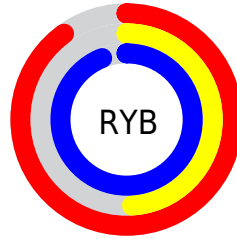
The RGB color **230, 124, 239** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **133, 239, 124**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 180, 255**, and **172, 69, 183** is the 20% darker color. If you saturate the color by 10%, you get **228, 100, 239**, and if you desaturate by 10%, it is **232, 148, 239**.

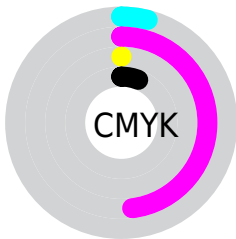
Distribution



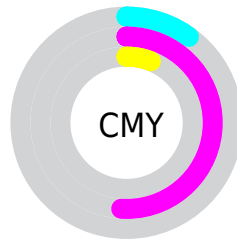
- Red (90%)
- Green (49%)
- Blue (94%)



- Red (90%)
- Yellow (49%)
- Blue (94%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (6%)





- Cyan (10%)
- Magenta (51%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 124, 239 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, 124, 239 by changing the saturation by 10% instead.

 230, 124, 239

 230, 124, 239

255, 255, 255

 201, 97, 210

 255, 180, 255

 172, 69, 183

 255, 208, 255

 144, 41, 155

 255, 237, 255

 117, 0, 129

 90, 0, 103


 63, 0, 79


 39, 0, 55


 0, 0, 33


 0, 0, 5

 230, 124, 239

 230, 124, 239

 228, 100, 239

 232, 148, 239

 226, 76, 239


 234, 172, 239

 224, 52, 239

 236, 196, 239

 223, 28, 239

 237, 220, 239

 221, 4, 239

 239, 243, 239

 220, 0, 239

 241, 255, 239

 243, 255, 239

 245, 255, 239

 247, 255, 239

Harmonies

Analogous

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



142, 153, 255



230, 124, 239



255, 103, 179

Triad

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



230, 124, 239



206, 158, 11



0, 194, 216

Complementary

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



230, 124, 239



133, 239, 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, 194, 151



230, 124, 239



145, 177, 31

Square

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



230, 124, 239



252, 132, 60



53, 188, 87



0, 189, 255

Rectangle

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



230, 124, 239



255, 103, 136



53, 188, 87



0, 194, 195

Sweetspot

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



230, 124, 239



252, 219, 255



124, 134, 239



126, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 124, 239



243, 107, 255



239, 124, 191



119, 108, 120



169, 0, 184



52, 0, 56

Inverse Universe

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



239, 124, 133



255, 107, 119



124, 239, 172



120, 108, 109



184, 0, 14



56, 0, 4

Previews

White Background



This preview shows how the RGB color 230, 124, 239 looks on a white background.

Color Contrast Check

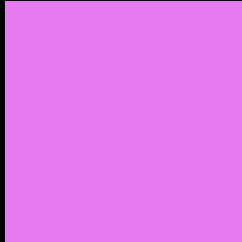
Large Text (above 18pt) WCAG AA × Fail

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 230, 124, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

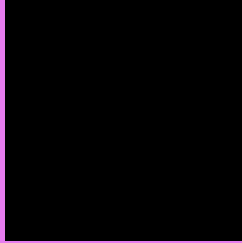
Any Text WCAG AA ✓ Pass

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 230, 124, 239 Background



This preview shows how black text looks on a background with the RGB color 230, 124, 239.

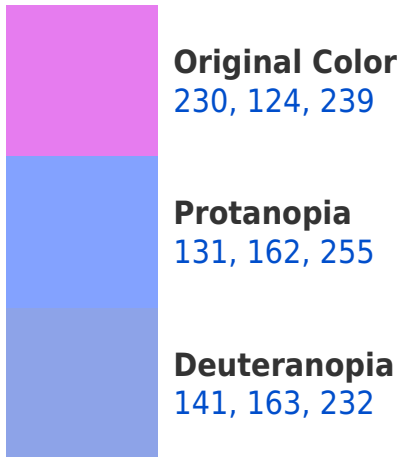


This preview shows how white text looks on a background with the RGB color 230, 124, 239.

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, 144, 155

Trichromacy



Original Color

230, 124, 239



Protanomaly

167, 148, 249



Deuteranomaly

173, 149, 235



Tritanomaly

223, 137, 186

Monochromacy



Original Color

230, 124, 239



Achromatopsia

169, 169, 169



Achromatomaly

191, 153, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 124, 239 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, 124, 239) looks like.

```
.text, #text, p{  
    color:rgb(230, 124, 239)  
}
```

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, 124, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 124, 239) }
```

Border

The CSS property to change the border of an element to RGB 230, 124, 239 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, 124, 239) }
```

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

```
.border{ border-color:rgb(230, 124, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 124, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 124, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 124, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 124,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 230, 124, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 124, 239) }
```

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

```
.background{ background-color: rgb(230,  
124, 239) }
```

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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