

Converting Colors

RGB(229, 80, 247)

Have a look what the booklet for
RGB(229, 80, 247) contains.

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Color

RGB(229, 80, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E550F7
RGB	229, 80, 247
RGB Percent	90%, 31%, 97%
CMY	0.1020, 0.6863, 0.0314
CMYK	0.07, 0.68, 0.00, 0.03
HSL	294°, 91%, 64%
HSV	294°, 68%, 97%
XYZ	51.9703, 29.1107, 90.8755
YIQ	143.5890, 35.1970, 83.5250

Conversions

Conversions Part 2

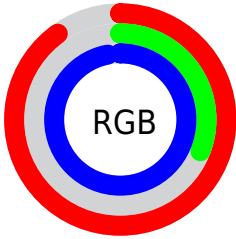
Format	Color
R _Y B	229, 80, 247
Decimal	15028471
CIE Lab	60.88, 77.48, -55.75
CIE LCh	61, 95.459, 324.264
Yxy	29.1107, 0.3022, 0.1693
Android (android.graphics.Color)	4293218551 (0xFFE550F7)
YUV	143.5890, 50.9816, 74.9054
Hunter-Lab	53.9544, 77.5157, -62.0943

Details

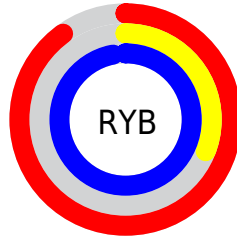
The RGB color **229, 80, 247** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **98, 247, 80**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 140, 255**, and **170, 0, 190** is the 20% darker color. If you saturate the color by 10%, you get **226, 55, 247**, and if you desaturate by 10%, it is **232, 105, 247**.

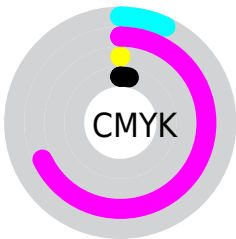
Distribution



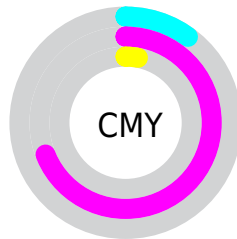
- Red (90%)
- Green (31%)
- Blue (97%)



- Red (90%)
- Yellow (31%)
- Blue (97%)



- Cyan (7%)
- Magenta (68%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (69%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 80, 247 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 229, 80, 247 by changing the saturation by 10% instead.

 229, 80, 247

 229, 80, 247

255, 255, 255

 199, 46, 218

 255, 140, 255

 170, 0, 190

 255, 169, 255

 140, 0, 162

 255, 199, 255

 112, 0, 135

 255, 228, 255

 83, 0, 109

 57, 0, 84

 24, 0, 60

 0, 2, 37

 0, 1, 13

■ 229, 80, 247

■ 229, 80, 247

■ 226, 55, 247

■ 232, 105, 247

■ 224, 31, 247

■ 234, 129, 247

■ 221, 6, 247

■ 237, 154, 247

■ 220, 0, 247

■ 240, 179, 247

■ 242, 203, 247

■ 245, 228, 247

■ 248, 253, 247

■ 250, 255, 247

■ 253, 255, 247

Harmonies

Analogous

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



84, 132, 255



229, 80, 247



255, 0, 167

Triad

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



229, 80, 247



192, 138, 0



0, 182, 215

Complementary

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



229, 80, 247



98, 247, 80

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, 181, 127



229, 80, 247



112, 162, 0

Square

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



229, 80, 247



252, 97, 0



0, 175, 30



0, 178, 255

Rectangle

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



229, 80, 247



255, 0, 111



0, 175, 30



0, 182, 186

Sweetspot

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



229, 80, 247



250, 204, 255



80, 99, 247



124, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 80, 247



233, 48, 255



247, 80, 183



121, 110, 122



166, 0, 186



52, 0, 59

Inverse Universe

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



247, 80, 98



255, 48, 71



80, 247, 144



122, 110, 111



186, 0, 20



59, 0, 6

Previews

White Background



This preview shows how the RGB color 229, 80, 247 looks on a white background.

Color Contrast Check

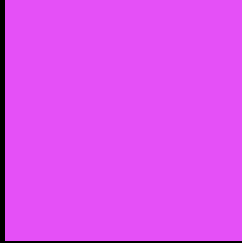
Large Text (above 18pt) WCAG AA ✓ Pass

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 229, 80, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

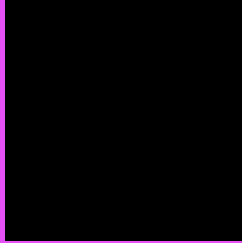
Any Text WCAG AA ✓ Pass

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 229, 80, 247 Background



This preview shows how black text looks on a background with the RGB color 229, 80, 247.

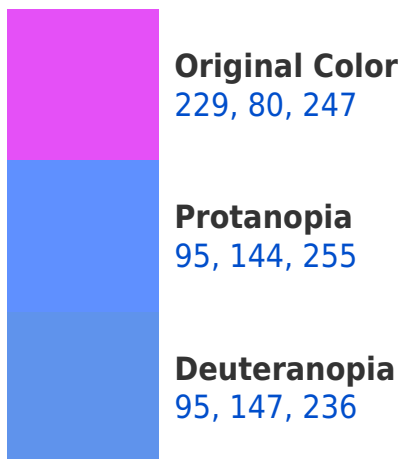



This preview shows how white text looks on a background with the RGB color 229, 80, 247.

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
214, 118, 127

Trichromacy



Original Color

229, 80, 247



Protanomaly

144, 121, 252



Deuteranomaly

144, 123, 240



Tritanomaly

219, 104, 171

Monochromacy



Original Color

229, 80, 247



Achromatopsia

144, 144, 144



Achromatomaly

175, 121, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 80, 247 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(229, 80, 247)` looks like.

```
.text, #text, p{  
    color:rgb(229, 80, 247)  
}
```

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(229, 80, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 80, 247) }
```

Border

The CSS property to change the border of an element to RGB 229, 80, 247 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(229, 80, 247) }
```

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

```
.border{ border-color:rgb(229, 80, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 80, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 80, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 80, 247);  
box-shadow:4px 4px 4px 4px rgb(229, 80,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 229, 80, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 80, 247) }
```

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

```
.background{ background-color: rgb(229, 80,  
247) }
```

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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