

Converting Colors

RGB(233, 107, 248)

Have a look what the booklet for
RGB(233, 107, 248) contains.

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Color

RGB(233, 107, 248)

Conversions

Conversions Part 1

Format	Color
Hex	E96BF8
RGB	233, 107, 248
RGB Percent	91%, 42%, 97%
CMY	0.0863, 0.5804, 0.0275
CMYK	0.06, 0.57, 0.00, 0.03
HSL	294°, 91%, 70%
HSV	294°, 57%, 97%
XYZ	55.8052, 34.6163, 92.5473
YIQ	160.7480, 29.8350, 70.5630

Conversions

Conversions Part 2

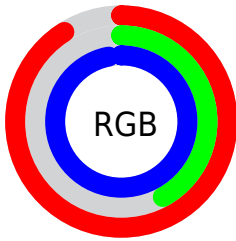
Format	Color
R _{YB}	233, 107, 248
Decimal	15297528
CIE _{Lab}	65.45, 67.61, -49.02
CIE _{LCh}	65, 83.510, 324.054
Yxy	34.6163, 0.3050, 0.1892
Android (android.graphics.Color)	4293487608 (0xFFE96BF8)
YUV	160.7480, 43.0152, 63.3650
Hunter-Lab	58.8357, 66.3437, -52.0770

Details

The RGB color **233, 107, 248** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **122, 248, 107**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 164, 255**, and **174, 48, 191** is the 20% darker color. If you saturate the color by 10%, you get **230, 82, 248**, and if you desaturate by 10%, it is **236, 132, 248**.

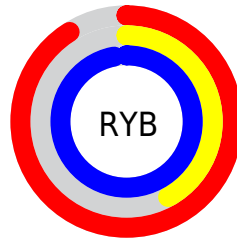
Distribution



Red (91%)

Green (42%)

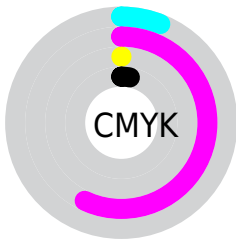
Blue (97%)



Red (91%)

Yellow (42%)

Blue (97%)

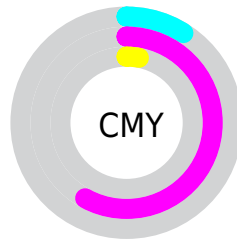


Cyan (6%)

Magenta (57%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (58%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the RGB color 233, 107, 248 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 233, 107, 248 by changing the saturation by 10% instead.

 233, 107, 248

 233, 107, 248

255, 255, 255

 203, 78, 219

 255, 164, 255

 174, 48, 191

 255, 193, 255

 146, 0, 163

 255, 222, 255

 117, 0, 137

 255, 251, 255

 90, 0, 111

 62, 0, 86

 36, 0, 62

 0, 0, 38

 0, 1, 15

■ 233, 107, 248

■ 233, 107, 248

■ 230, 82, 248

■ 236, 132, 248

■ 228, 57, 248

■ 238, 157, 248

■ 225, 33, 248

■ 241, 181, 248

■ 222, 8, 248

■ 244, 206, 248

■ 222, 0, 248

■ 246, 231, 248

■ 249, 255, 248

■ 251, 255, 248

■ 254, 255, 248

■ 255, 255, 248

Harmonies

Analogous

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



119, 146, 255



233, 107, 248



255, 72, 177

Triad

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



233, 107, 248



204, 151, 0



0, 192, 218

Complementary

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



233, 107, 248



122, 248, 107

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, 191, 141



233, 107, 248



133, 173, 0

Square

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



233, 107, 248



255, 118, 29



0, 185, 62



0, 187, 255

Rectangle

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



233, 107, 248



255, 72, 127



0, 185, 62



0, 192, 193

Sweetspot

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



233, 107, 248



250, 212, 255



107, 123, 248



125, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 107, 248



237, 82, 255



248, 107, 194



124, 112, 125



169, 0, 189



55, 0, 61

Inverse Universe

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



248, 107, 122



255, 82, 100



107, 248, 161



125, 112, 114



189, 0, 20



61, 0, 7

Previews

White Background



This preview shows how the RGB color 233, 107, 248 looks on a white background.

Color Contrast Check

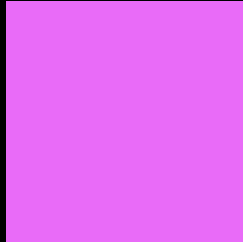
Large Text (above 18pt) WCAG AA × Fail

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 233, 107, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

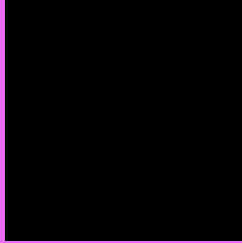
Any Text WCAG AA ✓ Pass

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 233, 107, 248 Background



This preview shows how black text looks on a background with the RGB color 233, 107, 248.

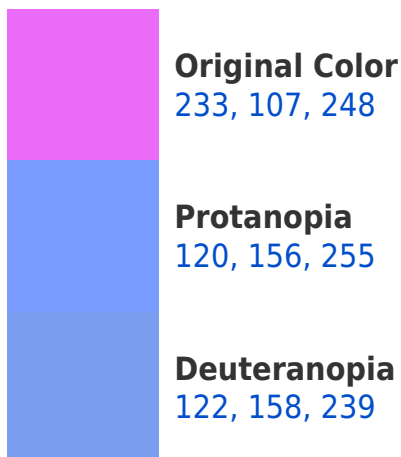


This preview shows how white text looks on a background with the RGB color 233, 107, 248.

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](#).

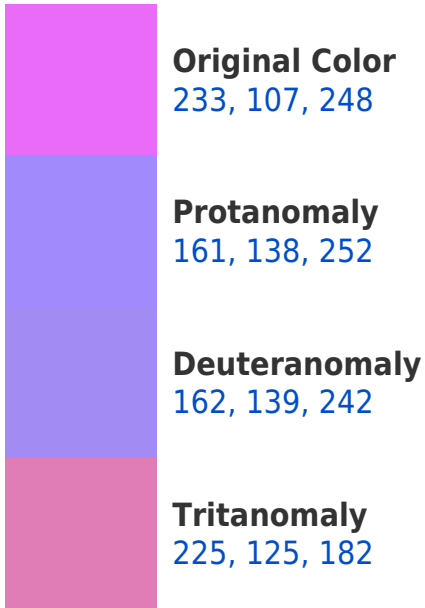
Dichromacy



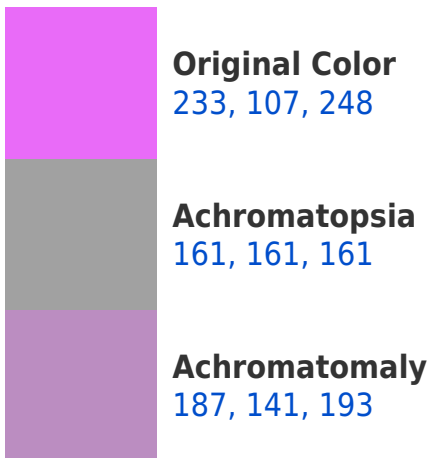


Tritanopia
220, 135, 145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 107, 248 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(233, 107, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 107, 248)  
}
```

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(233, 107, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 107, 248) }
```

Border

The CSS property to change the border of an element to RGB 233, 107, 248 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(233, 107, 248) }
```

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

```
.border{ border-color:rgb(233, 107, 248) }
```

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

Here you see how a box with a 4 pixel rgb(233, 107, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 107, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 107, 248);  
box-shadow:4px 4px 4px 4px rgb(233, 107,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 233, 107, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 107, 248) }
```

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

```
.background{ background-color: rgb(233,  
107, 248) }
```

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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