

Converting Colors

RGB(237, 134, 245)

Have a look what the booklet for
RGB(237, 134, 245) contains.

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Color

RGB(237, 134, 245)

Conversions

Conversions Part 1

Format	Color
Hex	ED86F5
RGB	237, 134, 245
RGB Percent	93%, 53%, 96%
CMY	0.0706, 0.4745, 0.0392
CMYK	0.03, 0.45, 0.00, 0.04
HSL	296°, 85%, 74%
HSV	296°, 45%, 96%
XYZ	59.9316, 41.6473, 91.2662
YIQ	177.4510, 25.7570, 56.3570

Conversions

Conversions Part 2

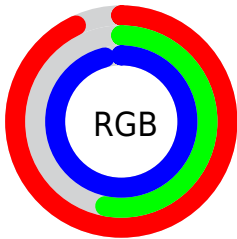
Format	Color
RYB	237, 134, 245
Decimal	15566581
CIELab	70.63, 55.36, -39.22
CIELCh	71, 67.845, 324.688
Yxy	41.6473, 0.3108, 0.2160
Android (android.graphics.Color)	4293756661 (0xFFED86F5)
YUV	177.4510, 33.3017, 52.2245
Hunter-Lab	64.5347, 52.8322, -38.6747

Details

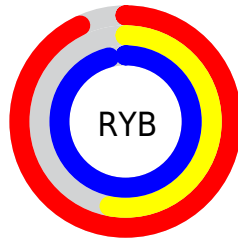
The RGB color **237, 134, 245** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **142, 245, 134**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 190, 255**, and **179, 80, 188** is the 20% darker color. If you saturate the color by 10%, you get **235, 110, 245**, and if you desaturate by 10%, it is **239, 159, 245**.

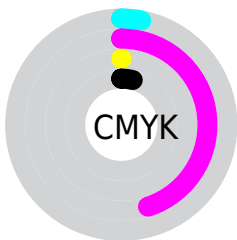
Distribution



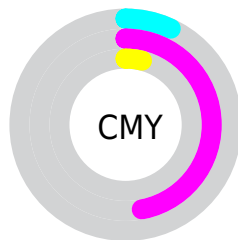
- Red (93%)
- Green (53%)
- Blue (96%)



- Red (93%)
- Yellow (53%)
- Blue (96%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (47%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RGB color 237, 134, 245 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 237, 134, 245 by changing the saturation by 10% instead.

 237, 134, 245

 237, 134, 245


255, 255, 255

 208, 107, 216


 255, 190, 255

 179, 80, 188

 255, 218, 255

 151, 52, 161

 255, 248, 255

 123, 21, 134

 96, 0, 109

 70, 0, 84

 47, 0, 60

 10, 0, 37

 0, 1, 14

■ 237, 134, 245

■ 237, 134, 245

■ 235, 110, 245

■ 239, 159, 245

■ 233, 85, 245

■ 241, 183, 245

■ 232, 60, 245

■ 242, 208, 245

■ 230, 36, 245

■ 244, 232, 245

■ 228, 12, 245

■ 246, 255, 245

■ 227, 0, 245

■ 248, 255, 245

■ 249, 255, 245

■ 251, 255, 245

■ 253, 255, 245

Harmonies

Analogous

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



153, 161, 255



237, 134, 245



255, 115, 186

Triad

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



237, 134, 245



214, 166, 35



0, 202, 223

Complementary

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



237, 134, 245



142, 245, 134

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, 201, 159



237, 134, 245



155, 185, 48

Square

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



237, 134, 245



255, 141, 72



70, 196, 98



0, 196, 255

Rectangle

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



237, 134, 245



255, 115, 145



70, 196, 98



0, 202, 202

Sweetspot

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



237, 134, 245



252, 219, 255



134, 143, 245



126, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 134, 245



245, 117, 255



245, 134, 199



122, 110, 122



173, 0, 186



54, 0, 59

Inverse Universe

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



245, 134, 142



255, 117, 127



134, 245, 180



122, 110, 111



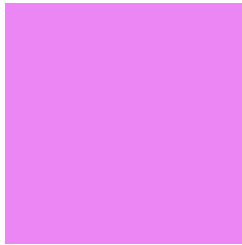
186, 0, 13



59, 0, 4

Previews

White Background



This preview shows how the RGB color 237, 134, 245 looks on a white background.

Color Contrast Check

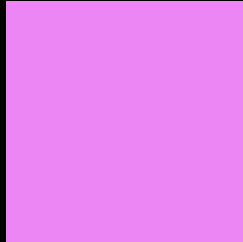
Large Text (above 18pt) WCAG AA × Fail

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 237, 134, 245 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 237, 134, 245 Background



This preview shows how black text looks on a background with the RGB color 237, 134, 245.

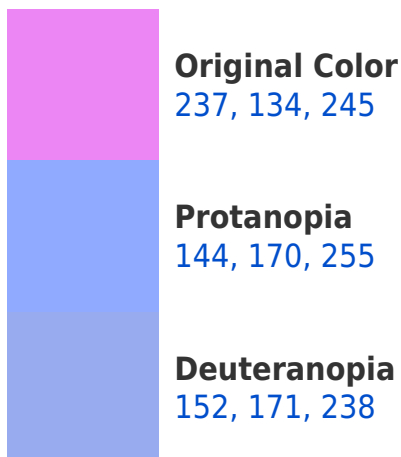



This preview shows how white text looks on a background with the RGB color 237, 134, 245.

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
226, 152, 164

Trichromacy



Original Color

237, 134, 245



Protanomaly

178, 157, 251



Deuteranomaly

183, 158, 241



Tritanomaly

230, 145, 193

Monochromacy



Original Color

237, 134, 245



Achromatopsia

177, 177, 177



Achromatomaly

199, 161, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 134, 245 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(237, 134, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 134, 245)  
}
```

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(237, 134, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 134, 245) }
```

Border

The CSS property to change the border of an element to RGB 237, 134, 245 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(237, 134, 245) }
```

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

```
.border{ border-color:rgb(237, 134, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 134, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 134, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 134, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 134,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 237, 134, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 134, 245) }
```

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

```
.background{ background-color: rgb(237,  
134, 245) }
```

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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