

Converting Colors

RGB(235, 135, 250)

Have a look what the booklet for
RGB(235, 135, 250) contains.

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Color

RGB(235, 135, 250)

Conversions

Conversions Part 1

Format	Color
Hex	EB87FA
RGB	235, 135, 250
RGB Percent	92%, 53%, 98%
CMY	0.0784, 0.4706, 0.0196
CMYK	0.06, 0.46, 0.00, 0.02
HSL	292°, 92%, 75%
HSV	292°, 46%, 98%
XYZ	60.1802, 41.8922, 95.3566
YIQ	178.0100, 22.6850, 56.9650

Conversions

Conversions Part 2

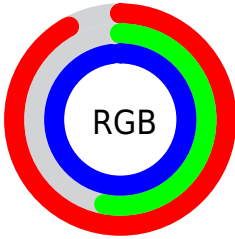
Format	Color
R _Y B	235, 135, 250
Decimal	15435770
CIE Lab	70.80, 55.22, -41.70
CIE LCh	71, 69.200, 322.943
Yxy	41.8922, 0.3048, 0.2122
Android (android.graphics.Color)	4293625850 (0xFFEB87FA)
YUV	178.0100, 35.4911, 49.9802
Hunter-Lab	64.7242, 52.7010, -42.0436

Details

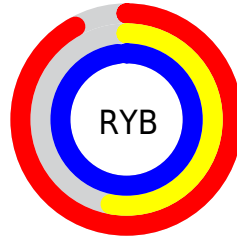
The RGB color **235, 135, 250** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **150, 250, 135**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 191, 255**, and **177, 81, 193** is the 20% darker color. If you saturate the color by 10%, you get **232, 110, 250**, and if you desaturate by 10%, it is **238, 160, 250**.

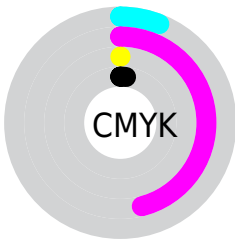
Distribution



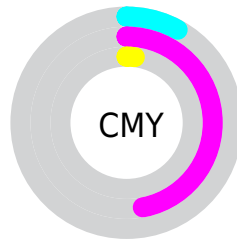
- Red (92%)
- Green (53%)
- Blue (98%)



- Red (92%)
- Yellow (53%)
- Blue (98%)



- Cyan (6%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 235, 135, 250 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 235, 135, 250 by changing the saturation by 10% instead.

 235, 135, 250

 235, 135, 250


255, 255, 255

 206, 108, 221


 255, 191, 255

 177, 81, 193

 255, 219, 255

 149, 54, 166

 255, 249, 255

 121, 23, 139

 94, 0, 113

 68, 0, 88


 45, 0, 64

 6, 0, 41

 0, 1, 19

 235, 135, 250

 235, 135, 250

 232, 110, 250

 238, 160, 250

 228, 85, 250

 242, 185, 250

 225, 60, 250

 245, 210, 250

 222, 35, 250

 248, 235, 250

 219, 10, 250

 251, 255, 250

 217, 0, 250

 255, 255, 250

 255, 255, 250

Harmonies

Analogous

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



146, 163, 255



235, 135, 250



255, 114, 191

Triad

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



235, 135, 250



218, 165, 32



0, 203, 221

Complementary

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



235, 135, 250



150, 250, 135

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, 202, 156



235, 135, 250



158, 184, 42

Square

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



235, 135, 250



255, 140, 73



75, 196, 93



0, 198, 255

Rectangle

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



235, 135, 250



255, 113, 148



75, 196, 93



0, 203, 200

Sweetspot

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



235, 135, 250



250, 219, 255



135, 150, 250



125, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 135, 250



237, 115, 255



250, 135, 208



123, 112, 125



164, 0, 189



53, 0, 61

Inverse Universe

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



250, 135, 150



255, 115, 133



135, 250, 177



125, 112, 114



189, 0, 25



61, 0, 8

Previews

White Background



This preview shows how the RGB color 235, 135, 250 looks on a white background.

Color Contrast Check

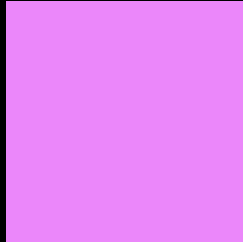
Large Text (above 18pt) WCAG AA × Fail

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 235, 135, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

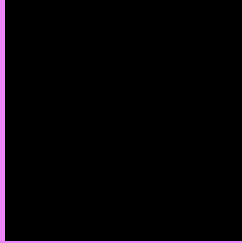
Any Text WCAG AA ✓ Pass

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 235, 135, 250 Background



This preview shows how black text looks on a background with the RGB color 235, 135, 250.



This preview shows how white text looks on a background with the RGB color 235, 135, 250.

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



Original Color
235, 135, 250

Protanopia
144, 171, 255

Deuteranopia
149, 172, 243



Tritanopia
224, 154, 166

Trichromacy



Original Color

235, 135, 250



Protanomaly

177, 158, 253



Deuteranomaly

180, 159, 246



Tritanomaly

228, 147, 197

Monochromacy



Original Color

235, 135, 250



Achromatopsia

178, 178, 178



Achromatomaly

199, 162, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 135, 250 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(235, 135, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 135, 250)  
}
```

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(235, 135, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 135, 250) }
```

Border

The CSS property to change the border of an element to RGB 235, 135, 250 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(235, 135, 250) }
```

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

```
.border{ border-color:rgb(235, 135, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 135, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 135, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 135, 250); box-shadow:4px 4px 4px 4px rgb(235, 135, 250) }
```

Background

The CSS property to change the background color of an element to RGB 235, 135, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 135, 250) }
```

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

```
.background{ background-color: rgb(235,  
135, 250) }
```

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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