

Converting Colors

RGB(235, 122, 253)

Have a look what the booklet for
RGB(235, 122, 253) contains.

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Color

RGB(235, 122, 253)

Conversions

Conversions Part 1

Format	Color
Hex	EB7AFD
RGB	235, 122, 253
RGB Percent	92%, 48%, 99%
CMY	0.0784, 0.5216, 0.0078
CMYK	0.07, 0.52, 0.00, 0.01
HSL	292°, 97%, 74%
HSV	292°, 52%, 99%
XYZ	58.9501, 38.6731, 97.2861
YIQ	170.7210, 25.2970, 64.6970

Conversions

Conversions Part 2

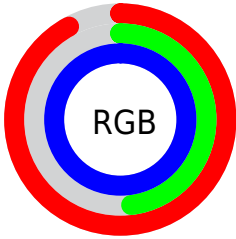
Format	Color
R _Y B	235, 122, 253
Decimal	15432445
CIE Lab	68.51, 62.12, -46.92
CIE LCh	69, 77.846, 322.936
Yxy	38.6731, 0.3024, 0.1984
Android (android.graphics.Color)	4293622525 (0xFFEB7AFD)
YUV	170.7210, 40.5635, 56.3727
Hunter-Lab	62.1877, 60.3786, -49.2216

Details

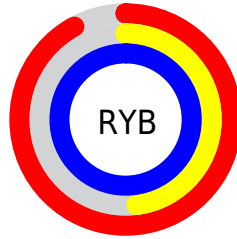
The RGB color **235, 122, 253** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **140, 253, 122**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 178, 255**, and **177, 66, 196** is the 20% darker color. If you saturate the color by 10%, you get **232, 97, 253**, and if you desaturate by 10%, it is **238, 147, 253**.

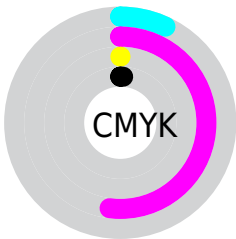
Distribution



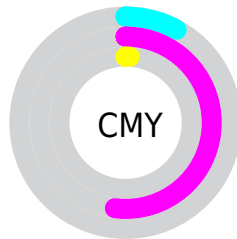
- Red (92%)
- Green (48%)
- Blue (99%)



- Red (92%)
- Yellow (48%)
- Blue (99%)



- Cyan (7%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (52%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 122, 253 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, 122, 253 by changing the saturation by 10% instead.

 235, 122, 253

 235, 122, 253


255, 255, 255

 206, 94, 224

 255, 178, 255

 177, 66, 196

 255, 207, 255

 148, 36, 168

 255, 236, 255

 120, 0, 141

 93, 0, 115

 66, 0, 90

 41, 0, 66

 0, 0, 43

 0, 1, 21

■ 235, 122, 253

■ 235, 122, 253

■ 232, 97, 253

■ 238, 147, 253

■ 228, 71, 253

■ 242, 173, 253

■ 225, 46, 253

■ 245, 198, 253

■ 221, 21, 253

■ 249, 223, 253

■ 218, 0, 253

■ 252, 249, 253

255, 255, 253

Harmonies

Analogous

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



130, 156, 255



235, 122, 253



255, 94, 187

Triad

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



235, 122, 253



214, 158, 0



0, 199, 220

Complementary

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



235, 122, 253



140, 253, 122

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, 198, 148



235, 122, 253



148, 179, 0

Square

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



235, 122, 253



255, 128, 52



39, 192, 76



0, 194, 255

Rectangle

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



235, 122, 253



255, 93, 140



39, 192, 76



0, 199, 197

Sweetspot

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



235, 122, 253



249, 214, 255



122, 142, 253



124, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 122, 253



233, 97, 255



253, 122, 207



126, 115, 128



165, 0, 191



55, 0, 64

Inverse Universe

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



253, 122, 140



255, 97, 119



122, 253, 168



128, 115, 117



191, 0, 26



64, 0, 9

Previews

White Background



This preview shows how the RGB color 235, 122, 253 looks on a white background.

Color Contrast Check

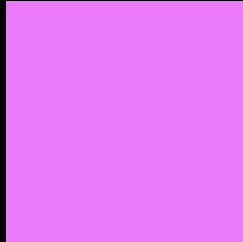
Large Text (above 18pt) WCAG AA × Fail

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, 122, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

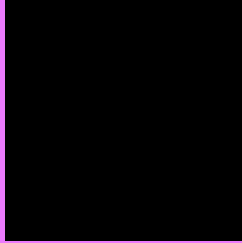
Any Text WCAG AA ✓ Pass

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, 122, 253 Background



This preview shows how black text looks on a background with the RGB color 235, 122, 253.



This preview shows how white text looks on a background with the RGB color 235, 122, 253.

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, 122, 253

Protanopia
134, 165, 255

Deuteranopia
135, 166, 245



Tritanopia
222, 146, 157

Trichromacy



Original Color

235, 122, 253



Protanomaly

171, 149, 254



Deuteranomaly

171, 150, 248

Tritanomaly

227, 137, 192

Monochromacy



Original Color

235, 122, 253



Achromatopsia

171, 171, 171



Achromatomaly

194, 153, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 122, 253 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, 122, 253)` looks like.

```
.text, #text, p{  
    color:rgb(235, 122, 253)  
}
```

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, 122, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 122, 253) }
```

Border

The CSS property to change the border of an element to RGB 235, 122, 253 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, 122, 253) }
```

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

```
.border{ border-color:rgb(235, 122, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 122, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 122, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 122, 253);  
box-shadow:4px 4px 4px 4px rgb(235, 122,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 235, 122, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 122, 253) }
```

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

```
.background{ background-color: rgb(235,  
122, 253) }
```

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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