

Converting Colors

RGB(235, 147, 206)

Have a look what the booklet for
RGB(235, 147, 206) contains.

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Color

RGB(235, 147, 206)

Conversions

Conversions Part 1

Format	Color
Hex	EB93CE
RGB	235, 147, 206
RGB Percent	92%, 58%, 81%
CMY	0.0784, 0.4235, 0.1922
CMYK	0.00, 0.37, 0.12, 0.08
HSL	320°, 69%, 75%
HSV	320°, 37%, 92%
XYZ	55.8352, 42.9858, 63.7468
YIQ	180.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

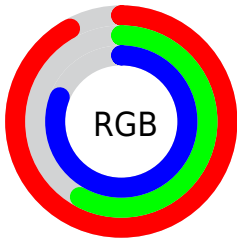
Format	Color
R_{YB}	235, 147, 206
Decimal	15438798
CIE _{Lab}	71.55, 41.40, -16.37
CIE _{LCh}	72, 44.524, 338.425
Yxy	42.9858, 0.3435, 0.2644
Android (android.graphics.Color)	4293628878 (0xFFEB93CE)
YUV	180.0380, 12.7993, 48.2017
Hunter-Lab	65.5636, 37.2779, -11.7525

Details

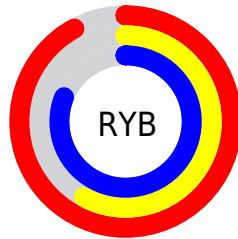
The RGB color **235, 147, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **147, 235, 176**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 202, 255**, and **178, 94, 152** is the 20% darker color. If you saturate the color by 10%, you get **235, 124, 198**, and if you desaturate by 10%, it is **235, 171, 214**.

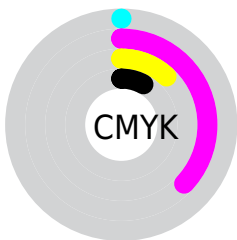
Distribution



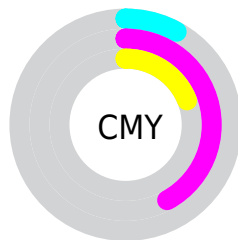
- Red (92%)
- Green (58%)
- Blue (81%)



- Red (92%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 147, 206 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, 147, 206 by changing the saturation by 10% instead.

 235, 147, 206

 235, 147, 206

255, 255, 255

 206, 120, 178

 255, 202, 255


 178, 94, 152

 255, 231, 255

 150, 69, 126

 123, 43, 101

 97, 15, 77

 71, 0, 54

 48, 0, 33

 11, 0, 5

 0, 0, 0

■ 235, 147, 206

■ 235, 147, 206

■ 235, 124, 198

■ 235, 171, 214

■ 235, 100, 191

■ 235, 194, 221

■ 235, 76, 183

■ 235, 217, 229

■ 235, 53, 175

■ 235, 241, 237

■ 235, 29, 167

■ 235, 255, 245

■ 235, 6, 160

■ 235, 255, 252

■ 235, 0, 158

■ 235, 255, 255

Harmonies

Analogous

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



194, 160, 239



235, 147, 206



253, 142, 165

Triad

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



235, 147, 206



190, 177, 93



0, 194, 224

Complementary

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



235, 147, 206



147, 235, 176

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, 197, 186



235, 147, 206



146, 188, 110

Square

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



235, 147, 206



225, 163, 100



92, 194, 144



33, 188, 250

Rectangle

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



235, 147, 206



252, 146, 139



92, 194, 144



0, 196, 213

Sweetspot

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



235, 147, 206



255, 227, 246



175, 147, 235



128, 111, 122



0, 0, 0



128, 128, 128

Same Dimension

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



235, 147, 206



255, 140, 217



235, 147, 163



117, 106, 113



181, 0, 121



54, 0, 36

Inverse Universe

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



235, 147, 206



255, 140, 217



147, 235, 219



117, 106, 113



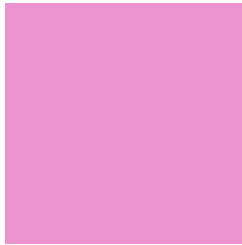
181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RGB color 235, 147, 206 looks on a white background.

Color Contrast Check

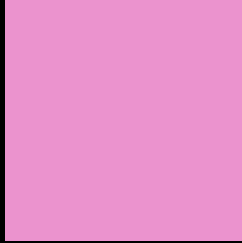
Large Text (above 18pt) WCAG AA × Fail

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, 147, 206 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, 147, 206 Background



This preview shows how black text looks on a background with the RGB color 235, 147, 206.

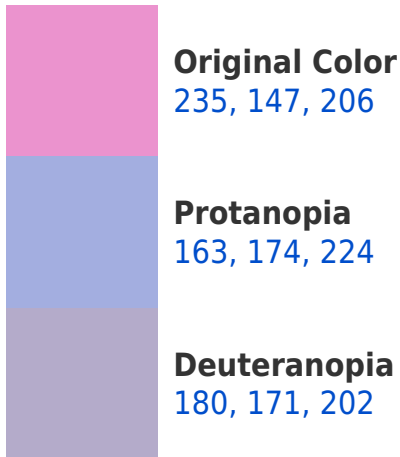


This preview shows how white text looks on a background with the RGB color 235, 147, 206.

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
230, 155, 166

Trichromacy



Original Color

235, 147, 206



Protanomaly

189, 164, 217



Deuteranomaly

200, 162, 203



Tritanomaly

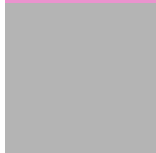
232, 152, 181

Monochromacy



Original Color

235, 147, 206



Achromatopsia

180, 180, 180



Achromatomaly

200, 168, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 147, 206 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, 147, 206) looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 206)  
}
```

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, 147, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 206) }
```

Border

The CSS property to change the border of an element to RGB 235, 147, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

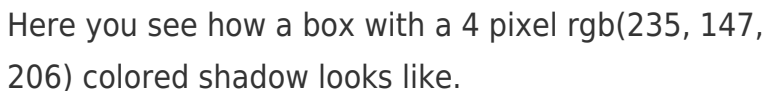
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 147, 206) }
```

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

```
.border{ border-color:rgb(235, 147, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 147, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 235, 147, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 206) }
```

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

```
.background{ background-color: rgb(235,  
147, 206) }
```

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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