

Converting Colors

RGB(234, 135, 213)

Have a look what the booklet for
RGB(234, 135, 213) contains.

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Color

RGB(234, 135, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EA87D5
RGB	234, 135, 213
RGB Percent	92%, 53%, 84%
CMY	0.0824, 0.4706, 0.1647
CMYK	0.00, 0.42, 0.09, 0.08
HSL	313°, 70%, 72%
HSV	313°, 42%, 92%
XYZ	54.6059, 39.6245, 67.7210
YIQ	173.4930, 33.9660, 45.2460

Conversions

Conversions Part 2

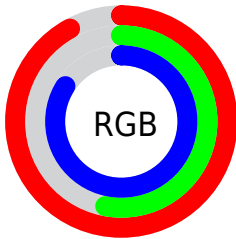
Format	Color
R_{YB}	234, 135, 213
Decimal	15370197
CIE _{Lab}	69.20, 48.41, -23.82
CIE _{LCh}	69, 53.956, 333.800
Yxy	39.6245, 0.3372, 0.2447
Android (android.graphics.Color)	4293560277 (0xFFEA87D5)
YUV	173.4930, 19.4770, 53.0646
Hunter-Lab	62.9480, 44.6857, -19.7221

Details

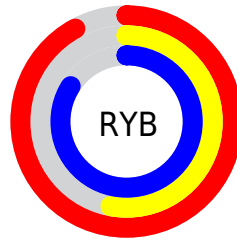
The RGB color **234, 135, 213** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **135, 234, 156**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 190, 255**, and **176, 82, 158** is the 20% darker color. If you saturate the color by 10%, you get **234, 112, 208**, and if you desaturate by 10%, it is **234, 158, 218**.

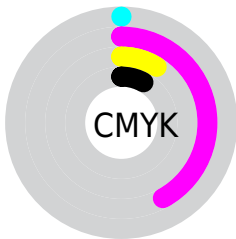
Distribution



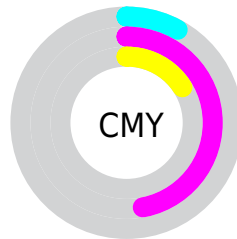
- Red (92%)
- Green (53%)
- Blue (84%)



- Red (92%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 135, 213 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 234, 135, 213 by changing the saturation by 10% instead.

 234, 135, 213

 234, 135, 213

255, 255, 255

 205, 108, 185


 255, 190, 255

 176, 82, 158

 255, 219, 255

 149, 55, 132

 255, 248, 255

 121, 27, 107


 95, 0, 82

 69, 0, 59

 47, 0, 37

 0, 0, 13

 0, 0, 0

 234, 135, 213

 234, 135, 213

 234, 112, 208

 234, 158, 218

 234, 88, 203

 234, 182, 223

 234, 65, 198

 234, 205, 228

 234, 41, 193

 234, 229, 233

 234, 18, 188

 234, 252, 238

 234, 0, 184

 234, 255, 243

 234, 255, 248

 234, 255, 253

 234, 255, 255

Harmonies

Analogous

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



180, 154, 250



234, 135, 213



255, 126, 165

Triad

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



234, 135, 213



191, 168, 67



0, 192, 222

Complementary

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



234, 135, 213



135, 234, 156

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, 193, 174



234, 135, 213



140, 182, 84

Square

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



234, 135, 213



231, 151, 81



71, 190, 124



0, 185, 255

Rectangle

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



234, 135, 213



255, 130, 132



71, 190, 124



0, 193, 207

Sweetspot

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



234, 135, 213



255, 222, 248



155, 135, 234



128, 107, 123



0, 0, 0



128, 128, 128

Same Dimension

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



234, 135, 213



255, 125, 227



234, 135, 165



117, 106, 115



181, 0, 143



54, 0, 42

Inverse Universe

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



234, 135, 213



255, 125, 227



135, 234, 204



117, 106, 115



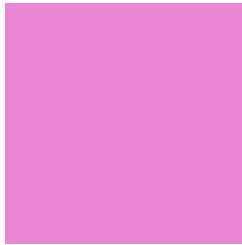
181, 0, 143



54, 0, 42

Previews

White Background



This preview shows how the RGB color 234, 135, 213 looks on a white background.

Color Contrast Check

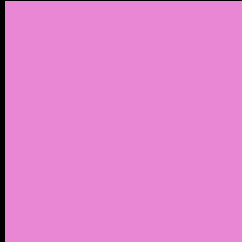
Large Text (above 18pt) WCAG AA × Fail

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 234, 135, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

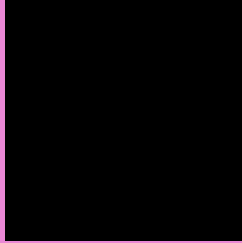
Any Text WCAG AA ✓ Pass

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 234, 135, 213 Background



This preview shows how black text looks on a background with the RGB color 234, 135, 213.

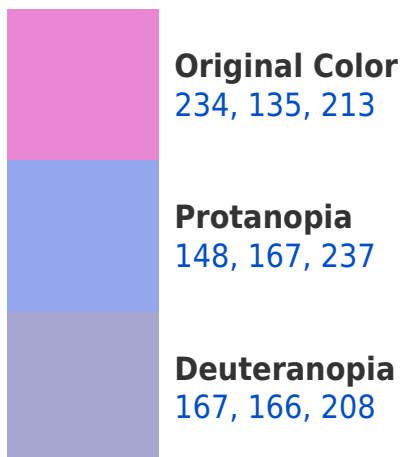


This preview shows how white text looks on a background with the RGB color 234, 135, 213.

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
227, 146, 158

Trichromacy



Original Color

234, 135, 213



Protanomaly

179, 155, 228



Deuteranomaly

191, 155, 210



Tritanomaly

230, 142, 178

Monochromacy



Original Color

234, 135, 213



Achromatopsia

173, 173, 173



Achromatomaly

195, 159, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 135, 213 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(234, 135, 213) looks like.

```
.text, #text, p{  
    color:rgb(234, 135, 213)  
}
```

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(234, 135, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 135, 213) }
```

Border

The CSS property to change the border of an element to RGB 234, 135, 213 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(234, 135, 213) }
```

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

```
.border{ border-color:rgb(234, 135, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 135, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 135, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 135, 213);  
box-shadow:4px 4px 4px 4px rgb(234, 135,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 234, 135, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 135, 213) }
```

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

```
.background{ background-color: rgb(234,  
135, 213) }
```

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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