

Converting Colors

RGB(249, 134, 234)

Have a look what the booklet for
RGB(249, 134, 234) contains.

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Color

RGB(249, 134, 234)

Conversions

Conversions Part 1

Format	Color
Hex	F986EA
RGB	249, 134, 234
RGB Percent	98%, 53%, 92%
CMY	0.0235, 0.4745, 0.0824
CMYK	0.00, 0.46, 0.06, 0.02
HSL	308°, 91%, 75%
HSV	308°, 46%, 98%
XYZ	62.4433, 43.1304, 82.8758
YIQ	179.7850, 36.4400, 55.4800

Conversions

Conversions Part 2

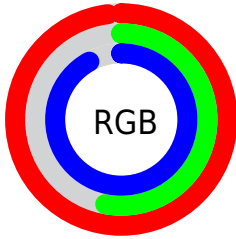
Format	Color
R _Y B	249, 134, 234
Decimal	16353002
CIE Lab	71.64, 56.89, -31.50
CIE LCh	72, 65.027, 331.028
Yxy	43.1304, 0.3314, 0.2289
Android (android.graphics.Color)	4294543082 (0xFFFF986EA)
YUV	179.7850, 26.7280, 60.7016
Hunter-Lab	65.6738, 54.7905, -28.8483

Details

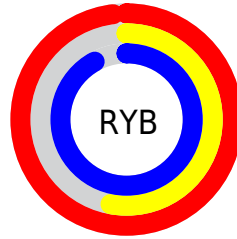
The RGB color **249, 134, 234** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **134, 249, 149**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 190, 255**, and **190, 79, 178** is the 20% darker color. If you saturate the color by 10%, you get **249, 109, 231**, and if you desaturate by 10%, it is **249, 159, 237**.

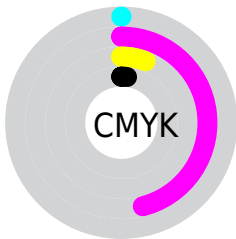
Distribution



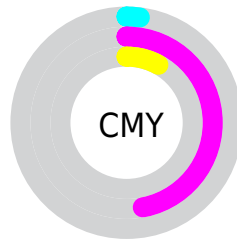
- Red (98%)
- Green (53%)
- Blue (92%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 134, 234 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 249, 134, 234 by changing the saturation by 10% instead.

 249, 134, 234

 249, 134, 234

255, 255, 255

 219, 107, 206

 255, 190, 255

 190, 79, 178

 255, 219, 255

 162, 51, 151

 255, 248, 255

 134, 16, 125

 107, 0, 100

 80, 0, 75

 56, 0, 52

 26, 0, 30

 0, 0, 0

■ 249, 134, 234

■ 249, 134, 234

■ 249, 109, 231

■ 249, 159, 237

■ 249, 84, 228

■ 249, 184, 240

■ 249, 59, 224

■ 249, 209, 244

■ 249, 34, 221

■ 249, 234, 247

■ 249, 10, 218

■ 249, 255, 250

■ 249, 0, 217

■ 249, 255, 253

■ 249, 255, 255

Harmonies

Analogous

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



179, 159, 255



249, 134, 234



255, 120, 176

Triad

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



249, 134, 234



205, 173, 45



0, 203, 235

Complementary

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



249, 134, 234



134, 249, 149

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, 204, 176



249, 134, 234



145, 190, 66

Square

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



249, 134, 234



252, 151, 70



53, 200, 115



0, 196, 255

Rectangle

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



249, 134, 234



255, 123, 136



53, 200, 115



0, 204, 216

Sweetspot

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



249, 134, 234



255, 219, 250



147, 134, 249



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 134, 234



255, 115, 237



249, 134, 178



125, 112, 123



189, 0, 164



61, 0, 53

Inverse Universe

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



249, 134, 234



255, 115, 237



134, 249, 205



125, 112, 123



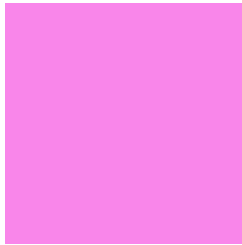
189, 0, 164



61, 0, 53

Previews

White Background



This preview shows how the RGB color 249, 134, 234 looks on a white background.

Color Contrast Check

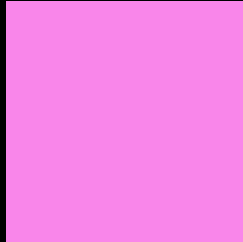
Large Text (above 18pt) WCAG AA × Fail

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 249, 134, 234 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 249, 134, 234 Background



This preview shows how black text looks on a background with the RGB color 249, 134, 234.

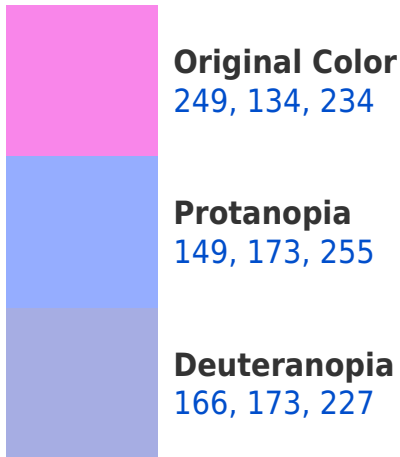


This preview shows how white text looks on a background with the RGB color 249, 134, 234.

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
240, 150, 161

Trichromacy



Original Color

249, 134, 234



Protanomaly

185, 159, 247



Deuteranomaly

196, 159, 230



Tritanomaly

243, 144, 188

Monochromacy



Original Color

249, 134, 234



Achromatopsia

180, 180, 180



Achromatomaly

205, 163, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 134, 234 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(249, 134, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 134, 234)  
}
```

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(249, 134, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 134, 234) }
```

Border

The CSS property to change the border of an element to RGB 249, 134, 234 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(249, 134, 234) }
```

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

```
.border{ border-color:rgb(249, 134, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 134, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 134, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 134, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 134,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 249, 134, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 134, 234) }
```

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

```
.background{ background-color: rgb(249,  
134, 234) }
```

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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