

Converting Colors

RGB(249, 146, 237)

Have a look what the booklet for
RGB(249, 146, 237) contains.

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Color

RGB(249, 146, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F992ED
RGB	249, 146, 237
RGB Percent	98%, 57%, 93%
CMY	0.0235, 0.4275, 0.0706
CMYK	0.00, 0.41, 0.05, 0.02
HSL	307°, 90%, 77%
HSV	307°, 41%, 98%
XYZ	64.6319, 46.8119, 85.7499
YIQ	187.1710, 32.1770, 50.1370

Conversions

Conversions Part 2

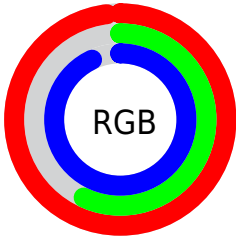
Format	Color
R _Y B	249, 146, 237
Decimal	16356077
CIE Lab	74.07, 51.45, -29.40
CIE LCh	74, 59.262, 330.254
Yxy	46.8119, 0.3278, 0.2374
Android (android.graphics.Color)	4294546157 (0xFFFF992ED)
YUV	187.1710, 24.5657, 54.2240
Hunter-Lab	68.4192, 48.8854, -26.4147

Details

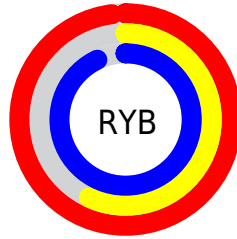
The RGB color **249, 146, 237** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **146, 249, 158**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 202, 255**, and **191, 92, 181** is the 20% darker color. If you saturate the color by 10%, you get **249, 121, 234**, and if you desaturate by 10%, it is **249, 171, 240**.

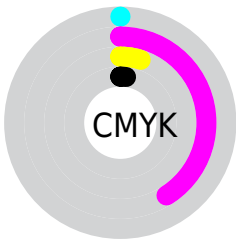
Distribution



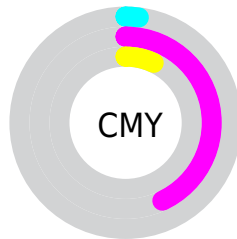
- Red (98%)
- Green (57%)
- Blue (93%)



- Red (98%)
- Yellow (57%)
- Blue (93%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 146, 237 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, 146, 237 by changing the saturation by 10% instead.

 249, 146, 237


255, 255, 255

 255, 202, 255

 255, 231, 255

 249, 146, 237

 220, 119, 209

 191, 92, 181

 162, 65, 154

 135, 38, 128

 108, 0, 102

 81, 0, 78


 56, 0, 55

 31, 0, 33


 0, 0, 5

 249, 146, 237

 249, 146, 237

 249, 121, 234

 249, 171, 240

 249, 96, 231

 249, 196, 243

 249, 71, 228

 249, 221, 246

 249, 46, 225

 249, 246, 249

 249, 22, 222

 249, 255, 252

 249, 0, 220

 249, 255, 254

 249, 255, 255

Harmonies

Analogous

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



185, 168, 255



249, 146, 237



255, 134, 184

Triad

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



249, 146, 237



212, 179, 67



0, 208, 235

Complementary

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



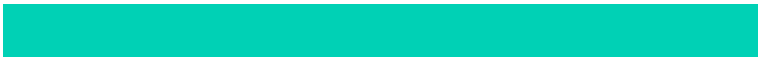
249, 146, 237



146, 249, 158

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, 209, 181



249, 146, 237



157, 195, 83

Square

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



249, 146, 237



255, 159, 87



83, 205, 126



0, 202, 255

Rectangle

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



249, 146, 237



255, 136, 147



83, 205, 126



0, 209, 218

Sweetspot

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



249, 146, 237



255, 224, 251



156, 146, 249



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



249, 146, 237



255, 128, 240



249, 146, 187



125, 112, 123



189, 0, 167



61, 0, 54

Inverse Universe

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



249, 146, 237



255, 128, 240



146, 249, 208



125, 112, 123



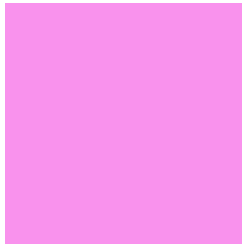
189, 0, 167



61, 0, 54

Previews

White Background



This preview shows how the RGB color 249, 146, 237 looks on a white background.

Color Contrast Check

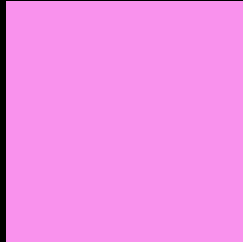
Large Text (above 18pt) WCAG AA × Fail

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, 146, 237 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, 146, 237 Background



This preview shows how black text looks on a background with the RGB color 249, 146, 237.

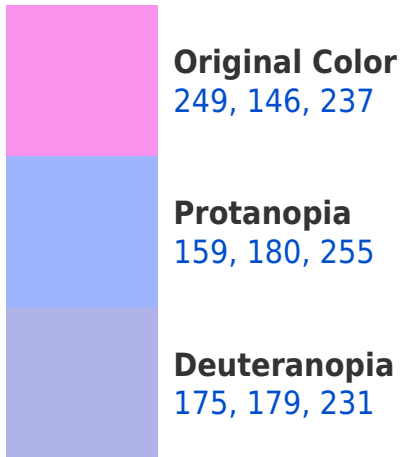



This preview shows how white text looks on a background with the RGB color 249, 146, 237.

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
241, 160, 172

Trichromacy



Original Color

249, 146, 237



Protanomaly

192, 168, 248



Deuteranomaly

202, 167, 233



Tritanomaly

244, 155, 196

Monochromacy



Original Color

249, 146, 237



Achromatopsia

187, 187, 187



Achromatomaly

210, 172, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 146, 237 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, 146, 237) looks like.

```
.text, #text, p{  
    color:rgb(249, 146, 237)  
}
```

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, 146, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 146, 237) }
```

Border

The CSS property to change the border of an element to RGB 249, 146, 237 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, 146, 237) }
```

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

```
.border{ border-color:rgb(249, 146, 237) }
```

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

Here you see how a box with a 4 pixel rgb(249, 146, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 146, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 146, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 146,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 249, 146, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 146, 237) }
```

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

```
.background{ background-color: rgb(249,  
146, 237) }
```

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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