

Converting Colors

RGB(250, 149, 237)

Have a look what the booklet for
RGB(250, 149, 237) contains.

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Color

RGB(250, 149, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FA95ED
RGB	250, 149, 237
RGB Percent	98%, 58%, 93%
CMY	0.0196, 0.4157, 0.0706
CMYK	0.00, 0.40, 0.05, 0.02
HSL	308°, 91%, 78%
HSV	308°, 40%, 98%
XYZ	65.4578, 47.9333, 85.9228
YIQ	189.2310, 31.9480, 48.7800

Conversions

Conversions Part 2

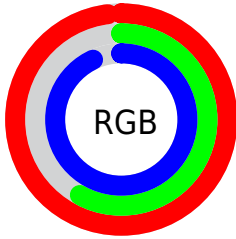
Format	Color
RYB	250, 149, 237
Decimal	16422381
CIELab	74.78, 50.24, -28.30
CIELCh	75, 57.663, 330.612
Yxy	47.9333, 0.3284, 0.2405
Android (android.graphics.Color)	4294612461 (0xFFFA95ED)
YUV	189.2310, 23.5501, 53.2944
Hunter-Lab	69.2339, 47.6053, -25.1182

Details

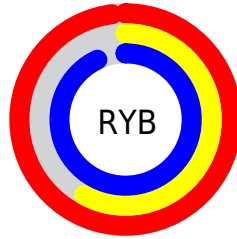
The RGB color **250, 149, 237** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **149, 250, 162**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 205, 255**, and **192, 95, 181** is the 20% darker color. If you saturate the color by 10%, you get **250, 124, 234**, and if you desaturate by 10%, it is **250, 174, 240**.

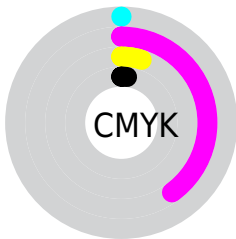
Distribution



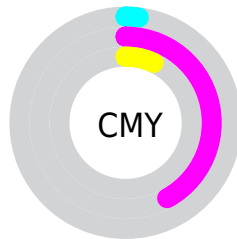
- Red (98%)
- Green (58%)
- Blue (93%)



- Red (98%)
- Yellow (58%)
- Blue (93%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 149, 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 250, 149, 237 by changing the saturation by 10% instead.


 250, 149, 237

255, 255, 255

 255, 205, 255

 255, 234, 255

 250, 149, 237

 221, 122, 209

 192, 95, 181

 164, 69, 154

 136, 41, 128

 109, 6, 102


 83, 0, 78


 57, 0, 55


 33, 0, 33


 0, 0, 5


 250, 149, 237


 250, 149, 237

 250, 124, 234

 250, 174, 240

 250, 99, 231


 250, 199, 243

 250, 74, 227

 250, 224, 247

 250, 49, 224

 250, 249, 250

 250, 24, 221

 250, 255, 253

 250, 0, 218

 250, 255, 255

Harmonies

Analogous

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



188, 170, 255



250, 149, 237



255, 138, 185

Triad

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



250, 149, 237



213, 182, 73



0, 210, 237

Complementary

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



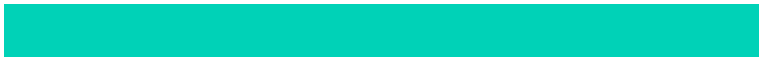
250, 149, 237



149, 250, 162

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, 210, 183



250, 149, 237



159, 197, 88

Square

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



250, 149, 237



255, 162, 92



88, 206, 130



0, 203, 255

Rectangle

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



250, 149, 237



255, 140, 150



88, 206, 130



0, 210, 220

Sweetspot

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



250, 149, 237



255, 224, 251



161, 149, 250



128, 110, 125



0, 0, 0



128, 128, 128

Same Dimension

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



250, 149, 237



255, 133, 239



250, 149, 188



125, 112, 123



189, 0, 164



61, 0, 53

Inverse Universe

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



250, 149, 237



255, 133, 239



149, 250, 211



125, 112, 123



189, 0, 164



61, 0, 53

Previews

White Background



This preview shows how the RGB color 250, 149, 237 looks on a white background.

Color Contrast Check

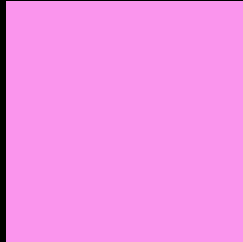
Large Text (above 18pt) WCAG AA × Fail

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 250, 149, 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 250, 149, 237 Background



This preview shows how black text looks on a background with the RGB color 250, 149, 237.

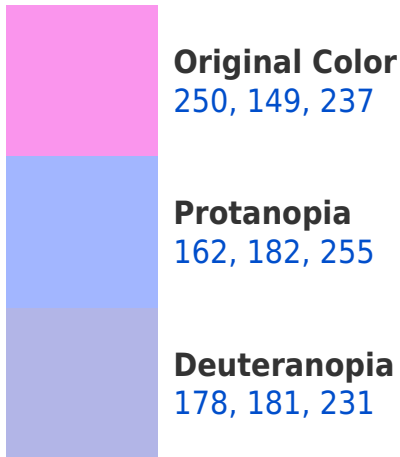


This preview shows how white text looks on a background with the RGB color 250, 149, 237.

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
242, 162, 174

Trichromacy



Original Color

250, 149, 237



Protanomaly

194, 170, 248



Deuteranomaly

204, 169, 233



Tritanomaly

245, 157, 197

Monochromacy



Original Color

250, 149, 237



Achromatopsia

189, 189, 189



Achromatomaly

211, 174, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 149, 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(250, 149, 237) looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 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(250, 149, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 237) }
```

Border

The CSS property to change the border of an element to RGB 250, 149, 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(250, 149, 237) }
```

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

```
.border{ border-color:rgb(250, 149, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 149, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 250, 149, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 237) }
```

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

```
.background{ background-color: rgb(250,  
149, 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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