

Converting Colors

RGB(251, 149, 247)

Have a look what the booklet for
RGB(251, 149, 247) contains.

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Color

RGB(251, 149, 247)

Conversions

Conversions Part 1

Format	Color
Hex	FB95F7
RGB	251, 149, 247
RGB Percent	98%, 58%, 97%
CMY	0.0157, 0.4157, 0.0314
CMYK	0.00, 0.41, 0.02, 0.02
HSL	302°, 93%, 78%
HSV	302°, 41%, 98%
XYZ	67.3196, 48.7195, 93.8514
YIQ	190.6700, 29.3340, 52.1020

Conversions

Conversions Part 2

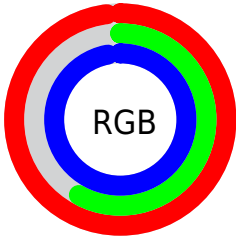
Format	Color
RYB	251, 149, 247
Decimal	16487927
CIELab	75.28, 52.26, -32.96
CIElCh	75, 61.789, 327.759
Yxy	48.7195, 0.3207, 0.2321
Android (android.graphics.Color)	4294678007 (0xFFFB95F7)
YUV	190.6700, 27.7707, 52.9094
Hunter-Lab	69.7994, 50.0095, -30.8610

Details

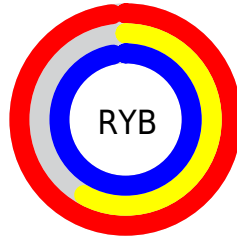
The RGB color **251, 149, 247** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **149, 251, 153**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 205, 255**, and **193, 95, 190** is the 20% darker color. If you saturate the color by 10%, you get **251, 124, 246**, and if you desaturate by 10%, it is **251, 174, 248**.

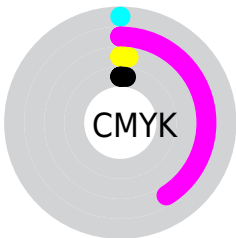
Distribution



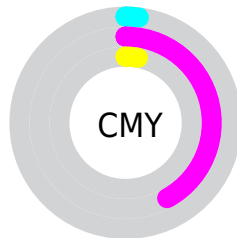
- Red (98%)
- Green (58%)
- Blue (97%)



- Red (98%)
- Yellow (58%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 149, 247 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 251, 149, 247 by changing the saturation by 10% instead.

 251, 149, 247

255, 255, 255

 255, 205, 255

 255, 234, 255

 251, 149, 247

 222, 122, 218

 193, 95, 190

 164, 68, 163


 137, 41, 137


 110, 3, 111


 83, 0, 86


 58, 0, 62


 33, 0, 40


 0, 1, 17


 251, 149, 247


 251, 149, 247

 251, 124, 246


 251, 174, 248

 251, 99, 245


 251, 199, 249

 251, 74, 244

 251, 224, 250

 251, 49, 243

 251, 249, 251

 251, 24, 242

 251, 255, 252

 251, 0, 241

 251, 255, 253

 251, 255, 254

 251, 255, 255

 251, 255, 255

Harmonies

Analogous

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



180, 172, 255



251, 149, 247



255, 135, 192

Triad

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



251, 149, 247



221, 181, 65



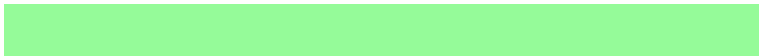
0, 213, 237

Complementary

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



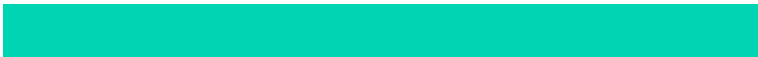
251, 149, 247



149, 251, 153

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, 213, 179



251, 149, 247



164, 198, 78

Square

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



251, 149, 247



255, 160, 89



89, 208, 122



0, 207, 255

Rectangle

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



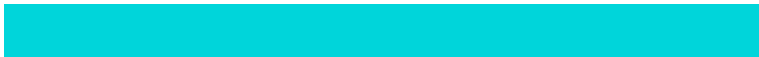
251, 149, 247



255, 136, 154



89, 208, 122



0, 213, 218

Sweetspot

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



251, 149, 247



255, 224, 254



152, 149, 251



128, 110, 127



0, 0, 0



128, 128, 128

Same Dimension

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



251, 149, 247



255, 130, 250



251, 149, 197



125, 112, 124



189, 0, 181



61, 0, 59

Inverse Universe

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



251, 149, 247



255, 130, 250



149, 251, 203



125, 112, 124



189, 0, 181



61, 0, 59

Previews

White Background



This preview shows how the RGB color 251, 149, 247 looks on a white background.

Color Contrast Check

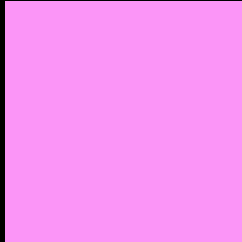
Large Text (above 18pt) WCAG AA × Fail

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 251, 149, 247 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 251, 149, 247 Background



This preview shows how black text looks on a background with the RGB color 251, 149, 247.



This preview shows how white text looks on a background with the RGB color 251, 149, 247.

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, 164, 177

Trichromacy



Original Color

251, 149, 247



Protanomaly

196, 171, 252



Deuteranomaly

202, 171, 243



Tritanomaly

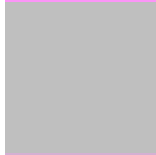
245, 159, 202

Monochromacy



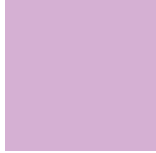
Original Color

251, 149, 247



Achromatopsia

191, 191, 191



Achromatomaly

213, 176, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 149, 247 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(251, 149, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 149, 247)  
}
```

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(251, 149, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 149, 247) }
```

Border

The CSS property to change the border of an element to RGB 251, 149, 247 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(251, 149, 247) }
```

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

```
.border{ border-color:rgb(251, 149, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 149, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 149, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 149, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 149,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 251, 149, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 149, 247) }
```

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

```
.background{ background-color: rgb(251,  
149, 247) }
```

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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