

Converting Colors

RGB(255, 148, 244)

Have a look what the booklet for
RGB(255, 148, 244) contains.

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Color

RGB(255, 148, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FF94F4
RGB	255, 148, 244
RGB Percent	100%, 58%, 96%
CMY	0.0000, 0.4196, 0.0431
CMYK	0.00, 0.42, 0.04, 0.00
HSL	306°, 100%, 79%
HSV	306°, 42%, 100%
XYZ	68.1590, 48.9715, 91.4480
YIQ	190.9370, 32.9560, 52.5400

Conversions

Conversions Part 2

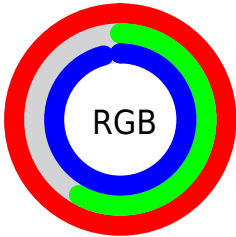
Format	Color
RYB	255, 148, 244
Decimal	16749812
CIELab	75.43, 53.43, -31.05
CIELCh	75, 61.799, 329.834
Yxy	48.9715, 0.3268, 0.2348
Android (android.graphics.Color)	4294939892 (0xFFFF94F4)
YUV	190.9370, 26.1601, 56.1833
Hunter-Lab	69.9796, 51.3919, -28.4933

Details

The RGB color **255, 148, 244** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **148, 255, 159**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 204, 255**, and **196, 94, 188** is the 20% darker color. If you saturate the color by 10%, you get **255, 123, 241**, and if you desaturate by 10%, it is **255, 174, 247**.

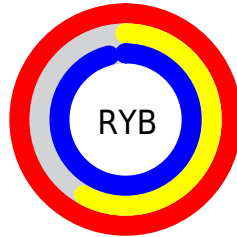
Distribution



Red (100%)

Green (58%)

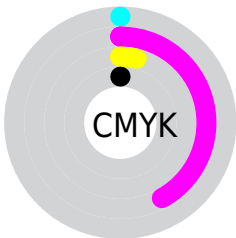
Blue (96%)



Red (100%)

Yellow (58%)

Blue (96%)

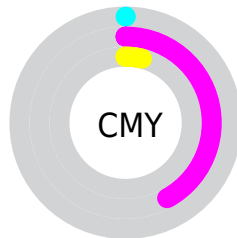


Cyan (0%)

Magenta (42%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 148, 244 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 255, 148, 244 by changing the saturation by 10% instead.

 255, 148, 244

 255, 148, 244


255, 255, 255


 225, 121, 215

 255, 204, 255

 196, 94, 188

 255, 233, 255

 168, 67, 160


 140, 38, 134

 113, 0, 108

 86, 0, 84

 60, 0, 60

 36, 0, 38


 0, 1, 14

 255, 148, 244


 255, 148, 244

 255, 123, 241

 255, 174, 247

 255, 97, 239


 255, 199, 249

 255, 72, 236

 255, 225, 252

 255, 46, 234

 255, 250, 254

 255, 21, 231

255, 255, 255

 255, 0, 229

Harmonies

Analogous

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



187, 171, 255



255, 148, 244



255, 135, 188

Triad

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



255, 148, 244



218, 183, 65



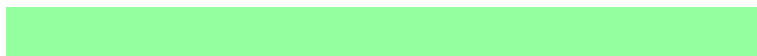
0, 213, 241

Complementary

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



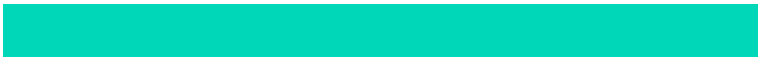
255, 148, 244



148, 255, 159

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, 214, 184



255, 148, 244



160, 199, 81

Square

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



255, 148, 244



255, 161, 87



82, 209, 126



0, 206, 255

Rectangle

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



255, 148, 244



255, 137, 150



82, 209, 126



0, 214, 223

Sweetspot

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



255, 148, 244



255, 222, 252



159, 148, 255



128, 107, 125



0, 0, 0



128, 128, 128

Same Dimension

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



255, 148, 244



255, 128, 242



255, 148, 191



128, 115, 126



191, 0, 172



64, 0, 57

Inverse Universe

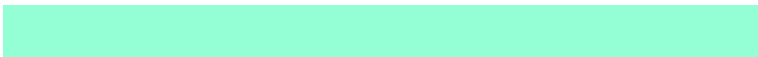
The Inverse Universe completely reimagines the original color for something new.



255, 148, 244



255, 128, 242



148, 255, 212



128, 115, 126



191, 0, 172



64, 0, 57

Previews

White Background



This preview shows how the RGB color 255, 148, 244 looks on a white background.

Color Contrast Check

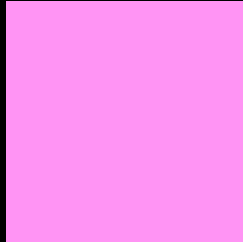
Large Text (above 18pt) WCAG AA × Fail

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 255, 148, 244 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 255, 148, 244 Background



This preview shows how black text looks on a background with the RGB color 255, 148, 244.



This preview shows how white text looks on a background with the RGB color 255, 148, 244.

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



Original Color
255, 148, 244

Protanopia
164, 184, 255

Deuteranopia
177, 183, 238



Tritanopia
247, 163, 175

Trichromacy



Original Color

255, 148, 244



Protanomaly

197, 171, 251



Deuteranomaly

205, 170, 240



Tritanomaly

250, 158, 200

Monochromacy



Original Color

255, 148, 244



Achromatopsia

191, 191, 191



Achromatomaly

214, 175, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 148, 244 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(255, 148, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 244)  
}
```

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(255, 148, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 244) }
```

Border

The CSS property to change the border of an element to RGB 255, 148, 244 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(255, 148, 244) }
```

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

```
.border{ border-color:rgb(255, 148, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 255, 148, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 244) }
```

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

```
.background{ background-color: rgb(255,  
148, 244) }
```

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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