

Converting Colors

`RYB(255, 148, 233)`

Have a look what the booklet for
RYB(255, 148, 233) contains.

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Color

RYB(255, 148, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FF94E9
RGB	255, 148, 233
RGB Percent	100%, 58%, 91%
CMY	0.0000, 0.4196, 0.0863
CMYK	0.00, 0.42, 0.09, 0.00
HSL	312°, 100%, 79%
HSV	312°, 42%, 100%
XYZ	66.5379, 48.3230, 82.9111
YIQ	189.6830, 36.4870, 49.1190

Conversions

Conversions Part 2

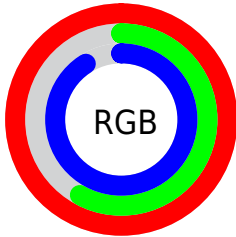
Format	Color
R_{YB}	255, 148, 233
Decimal	16749801
CIE _{Lab}	75.03, 51.60, -25.69
CIE _{LCh}	75, 57.641, 333.534
Yxy	48.3230, 0.3364, 0.2443
Android (android.graphics.Color)	4294939881 (0xFFFF94E9)
YUV	189.6830, 21.3553, 57.2830
Hunter-Lab	69.5147, 49.2052, -22.0556

Details

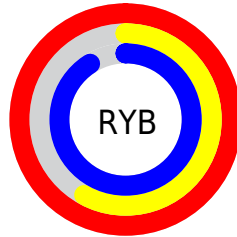
The RYB color **255, 148, 233** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **148, 237, 255**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 204, 255**, and **196, 94, 177** is the 20% darker color. If you saturate the color by 10%, you get **255, 123, 228**, and if you desaturate by 10%, it is **255, 174, 238**.

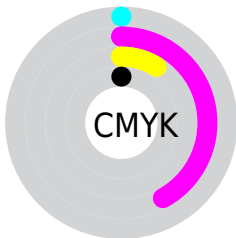
Distribution



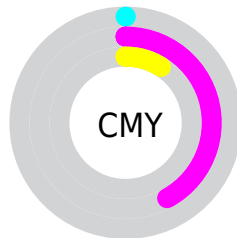
- Red (100%)
- Green (58%)
- Blue (91%)



- Red (100%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 148, 233 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 RYB color 255, 148, 233 by changing the saturation by 10% instead.

 255, 148, 233

 255, 148, 233

255, 255, 255

 225, 121, 205

 255, 204, 255

 196, 94, 177

 255, 233, 255

 168, 67, 150

 140, 39, 124

 113, 1, 99

 86, 0, 75

 61, 0, 52

 36, 0, 30

 0, 0, 0

■ 255, 148, 233

■ 255, 148, 233

■ 255, 123, 228

■ 255, 174, 238

■ 255, 97, 223

■ 255, 199, 243

■ 255, 72, 217

■ 255, 225, 249

■ 255, 46, 212

■ 255, 250, 254

■ 255, 21, 207

255, 255, 255

■ 255, 0, 203

Harmonies

Analogous

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



196, 168, 255



255, 148, 233



255, 138, 180

Triad

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



255, 148, 233



105, 209, 74



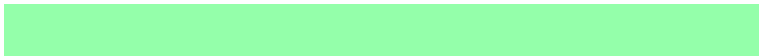
0, 112, 242

Complementary

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



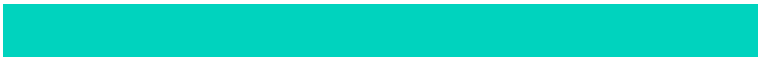
255, 148, 233



148, 237, 255

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, 111, 211



255, 148, 233



92, 199, 137

Square

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



255, 148, 233



253, 231, 89



79, 169, 208



0, 113, 255

Rectangle

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



255, 148, 233



255, 142, 145



79, 169, 208



0, 109, 225

Sweetspot

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



255, 148, 233



255, 222, 248



169, 148, 255



128, 107, 123



0, 0, 0



128, 128, 128

Same Dimension

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



255, 148, 233



255, 128, 229



255, 148, 180



128, 115, 125



191, 0, 152



64, 0, 51

Inverse Universe

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



255, 148, 233



255, 128, 229



148, 211, 255



128, 115, 125



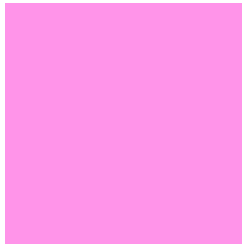
191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RYB color 255, 148, 233 looks on a white background.

Color Contrast Check

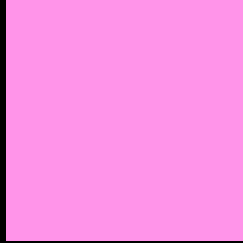
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 148, 233 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](#).

RYB 255, 148, 233 Background



This preview shows how black text looks on a background with the RYB color 255, 148, 233.

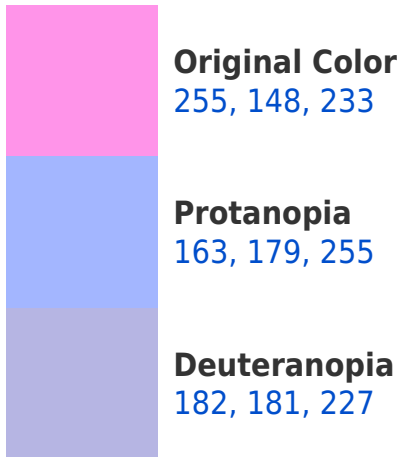


This preview shows how white text looks on a background with the RYB color 255, 148, 233.

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



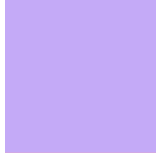


Tritanopia
248, 160, 173

Trichromacy



Original Color
255, 148, 233



Protanomaly
196, 170, 247



Deuteranomaly
209, 169, 229



Tritanomaly
251, 156, 195

Monochromacy



Original Color
255, 148, 233



Achromatopsia
190, 190, 190



Achromatomaly
214, 175, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 148, 233 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, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 233) }
```

Border

The CSS property to change the border of an element to RYB 255, 148, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

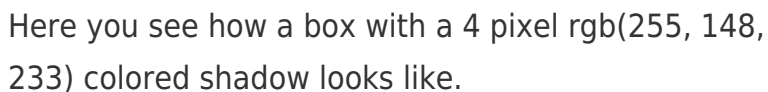
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 148, 233) }
```

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

```
.border{ border-color:rgb(255, 148, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 148, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 148, 233); box-shadow:4px 4px 4px 4px rgb(255, 148, 233) }
```

Background

The CSS property to change the background color of an element to RGB 255, 148, 233 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
148, 233) }
```

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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