

Converting Colors

`RYB(248, 148, 254)`

Have a look what the booklet for
RYB(248, 148, 254) contains.

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Color

R_YB(248, 148, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F894FE
RGB	248, 148, 254
RGB Percent	97%, 58%, 100%
CMY	0.0275, 0.4196, 0.0039
CMYK	0.02, 0.42, 0.00, 0.00
HSL	297°, 98%, 79%
HSV	297°, 42%, 100%
XYZ	67.1907, 48.2920, 99.5459
YIQ	189.9840, 25.5740, 54.1660

Conversions

Conversions Part 2

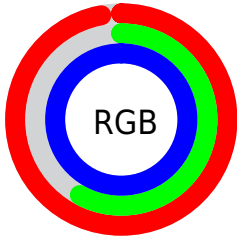
Format	Color
R_{YB}	248, 148, 254
Decimal	16291070
CIE _{Lab}	75.01, 53.13, -37.20
CIE _{LCh}	75, 64.859, 325.002
Yxy	48.2920, 0.3125, 0.2246
Android (android.graphics.Color)	4294481150 (0xFFFF894FE)
YUV	189.9840, 31.5599, 50.8800
Hunter-Lab	69.4925, 50.9758, -36.2864

Details

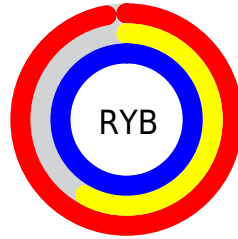
The RYB color **248, 148, 254** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **148, 254, 248**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 204, 255**, and **190, 94, 197** is the 20% darker color. If you saturate the color by 10%, you get **247, 123, 254**, and if you desaturate by 10%, it is **249, 173, 254**.

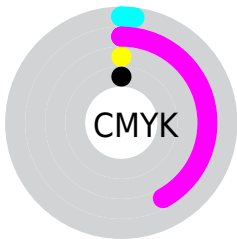
Distribution



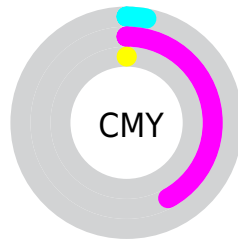
- Red (97%)
- Green (58%)
- Blue (100%)



- Red (97%)
- Yellow (58%)
- Blue (100%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 148, 254 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 248, 148, 254 by changing the saturation by 10% instead.

 248, 148, 254

 248, 148, 254

255, 255, 255

 219, 121, 225

 255, 204, 255

 190, 94, 197

 255, 233, 255

 161, 67, 169

 134, 39, 143

 107, 2, 117

 80, 0, 92


 55, 0, 68

 30, 0, 45

 0, 1, 23


 248, 148, 254

 248, 148, 254

 247, 123, 254

 249, 173, 254

 245, 97, 254


 251, 199, 254

 244, 72, 254

 252, 224, 254

 242, 46, 254

 254, 250, 254

 241, 21, 254

254, 255, 254

 240, 0, 254

Harmonies

Analogous

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



169, 173, 255



248, 148, 254



255, 131, 197

Triad

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



248, 148, 254



124, 226, 57



0, 111, 233

Complementary

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



248, 148, 254



148, 254, 248

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, 118, 213



248, 148, 254



68, 196, 96

Square

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



248, 148, 254



255, 201, 87



90, 189, 208



0, 115, 255

Rectangle

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



248, 148, 254



255, 131, 157



90, 189, 208



0, 107, 214

Sweetspot

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



248, 148, 254



253, 222, 255



148, 155, 254



126, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



248, 148, 254



248, 128, 255



254, 148, 208



127, 115, 128



180, 0, 191



60, 0, 64

Inverse Universe

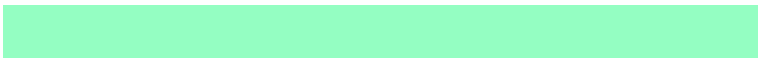
The Inverse Universe completely reimagines the original color for something new.



254, 148, 154



255, 128, 135



148, 222, 254



128, 115, 115



191, 0, 11



64, 0, 4

Previews

White Background



This preview shows how the RYB color 248, 148, 254 looks on a white background.

Color Contrast Check

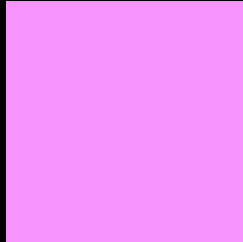
Large Text (above 18pt) WCAG AA × Fail

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 248, 148, 254 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 248, 148, 254 Background



This preview shows how black text looks on a background with the RYB color 248, 148, 254.



This preview shows how white text looks on a background with the RYB color 248, 148, 254.

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
248, 148, 254

Protanopia
162, 179, 255

Deuteranopia
168, 180, 248



Tritanopia
238, 165, 177

Trichromacy



Original Color

248, 148, 254



Protanomaly

193, 170, 255



Deuteranomaly

197, 170, 250



Tritanomaly

242, 159, 205

Monochromacy



Original Color

248, 148, 254



Achromatopsia

190, 190, 190



Achromatomaly

211, 175, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 148, 254 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(248, 148, 254) looks like.

```
.text, #text, p{  
    color:rgb(248, 148, 254)  
}
```

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(248, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 148, 254) }
```

Border

The CSS property to change the border of an element to RYB 248, 148, 254 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(248, 148, 254) }
```

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

```
.border{ border-color:rgb(248, 148, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 148, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 148,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 248, 148, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 148, 254) }
```

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

```
.background{ background-color: rgb(248,  
148, 254) }
```

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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