

Converting Colors

RGB(247, 98, 255)

Have a look what the booklet for
RGB(247, 98, 255) contains.

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Color

RGB(247, 98, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F762FF
RGB	247, 98, 255
RGB Percent	97%, 38%, 100%
CMY	0.0314, 0.6157, 0.0000
CMYK	0.03, 0.62, 0.00, 0.00
HSL	297°, 100%, 69%
HSV	297°, 62%, 100%
XYZ	60.7755, 35.7295, 98.3010
YIQ	160.4490, 38.4070, 80.4150

Conversions

Conversions Part 2

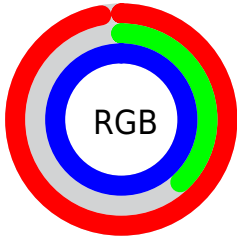
Format	Color
R_{YB}	247, 98, 255
Decimal	16212735
CIE _{Lab}	66.31, 75.96, -51.38
CIE _{LCh}	66, 91.707, 325.926
Yxy	35.7295, 0.3120, 0.1834
Android (android.graphics.Color)	4294402815 (0xFFFF762FF)
YUV	160.4490, 46.6136, 75.9052
Hunter-Lab	59.7742, 76.8852, -55.6628

Details

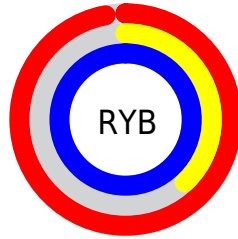
The RGB color **247, 98, 255** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **106, 255, 98**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 157, 255**, and **187, 29, 198** is the 20% darker color. If you saturate the color by 10%, you get **246, 73, 255**, and if you desaturate by 10%, it is **248, 123, 255**.

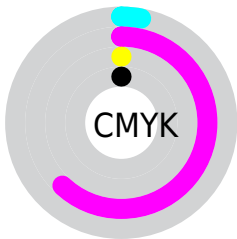
Distribution



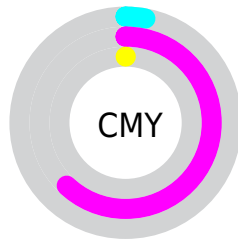
- Red (97%)
- Green (38%)
- Blue (100%)



- Red (97%)
- Yellow (38%)
- Blue (100%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 98, 255 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 247, 98, 255 by changing the saturation by 10% instead.

 247, 98, 255

 247, 98, 255

255, 255, 255

 217, 67, 226

 255, 157, 255

 187, 29, 198


 255, 186, 255

 158, 0, 170

 255, 216, 255

 129, 0, 143


 255, 246, 255

 101, 0, 117

 73, 0, 91

 46, 0, 67

 6, 0, 43

 0, 1, 22

■ 247, 98, 255

■ 247, 98, 255

■ 246, 73, 255

■ 248, 123, 255

■ 244, 47, 255

■ 250, 149, 255

■ 243, 22, 255

■ 251, 175, 255

■ 242, 0, 255

■ 252, 200, 255

■ 253, 226, 255

■ 255, 251, 255

255, 255, 255

Harmonies

Analogous

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



124, 144, 255



247, 98, 255



255, 52, 176

Triad

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



247, 98, 255



204, 154, 0



0, 197, 232

Complementary

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



247, 98, 255



106, 255, 98

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, 196, 147



247, 98, 255



125, 177, 0

Square

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



247, 98, 255



255, 117, 0



0, 190, 59



0, 191, 255

Rectangle

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



247, 98, 255



255, 55, 121



0, 190, 59



0, 197, 204

Sweetspot

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



247, 98, 255



253, 209, 255



98, 108, 255



126, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 98, 255



245, 66, 255



255, 98, 187



127, 115, 128



182, 0, 191



61, 0, 64

Inverse Universe

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



255, 98, 106



255, 66, 76



98, 255, 166



128, 115, 115



191, 0, 10



64, 0, 3

Previews

White Background



This preview shows how the RGB color 247, 98, 255 looks on a white background.

Color Contrast Check

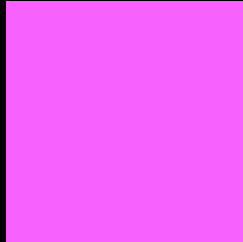
Large Text (above 18pt) WCAG AA × Fail

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 247, 98, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

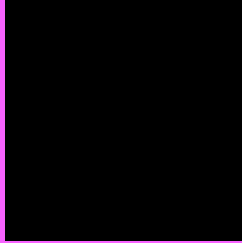
Any Text WCAG AA ✓ Pass

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 247, 98, 255 Background



This preview shows how black text looks on a background with the RGB color 247, 98, 255.



This preview shows how white text looks on a background with the RGB color 247, 98, 255.

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
247, 98, 255

Protanopia
123, 159, 255

Deuteranopia
122, 161, 244



Tritanopia
233, 131, 141

Trichromacy



Original Color

247, 98, 255



Protanomaly

168, 137, 255



Deuteranomaly

167, 138, 248

Tritanomaly

238, 119, 182

Monochromacy



Original Color

247, 98, 255



Achromatopsia

160, 160, 160



Achromatomaly

192, 137, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 98, 255 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(247, 98, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 98, 255)  
}
```

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(247, 98, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 98, 255) }
```

Border

The CSS property to change the border of an element to RGB 247, 98, 255 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(247, 98, 255) }
```

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

```
.border{ border-color:rgb(247, 98, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 98, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 98, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 98, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 98,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 247, 98, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 98, 255) }
```

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

```
.background{ background-color: rgb(247, 98,  
255) }
```

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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