

Converting Colors

`RYB(255, 118, 191)`

Have a look what the booklet for
RYB(255, 118, 191) contains.

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Color

`RYB(255, 118, 191)`

Conversions

Conversions Part 1

Format	Color
Hex	FF76BF
RGB	255, 118, 191
RGB Percent	100%, 46%, 75%
CMY	0.0000, 0.5373, 0.2510
CMYK	0.00, 0.54, 0.25, 0.00
HSL	328°, 100%, 73%
HSV	328°, 54%, 100%
XYZ	57.1224, 37.9785, 53.6101
YIQ	167.2850, 58.2190, 51.7470

Conversions

Conversions Part 2

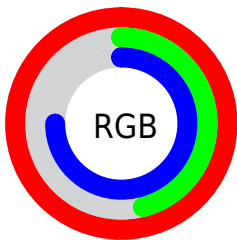
Format	Color
R_{YB}	255, 118, 191
Decimal	16742079
CIE _{Lab}	68.00, 59.86, -13.09
CIE _{LCh}	68, 61.274, 347.663
Yxy	37.9785, 0.3841, 0.2554
Android (android.graphics.Color)	4294932159 (0xFFFF76BF)
YUV	167.2850, 11.6915, 76.9261
Hunter-Lab	61.6267, 57.6069, -8.4387

Details

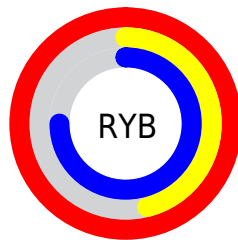
The RYB color **255, 118, 191** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **118, 211, 255**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 174, 247**, and **195, 61, 138** is the 20% darker color. If you saturate the color by 10%, you get **255, 93, 179**, and if you desaturate by 10%, it is **255, 144, 203**.

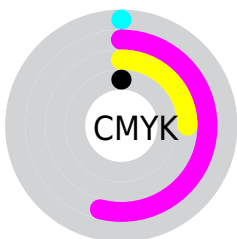
Distribution



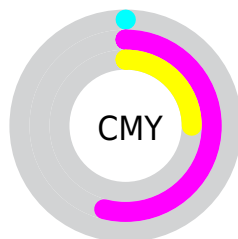
- Red (100%)
- Green (46%)
- Blue (75%)



- Red (100%)
- Yellow (46%)
- Blue (75%)



- Cyan (0%)
- Magenta (54%)
- Yellow (25%)
- Black (0%)

















- Cyan (0%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 118, 191 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, 118, 191 by changing the saturation by 10% instead.

 255, 118, 191	 255, 118, 191
255, 255, 255	 225, 90, 164
 255, 174, 247	 195, 61, 138
 255, 203, 255	 166, 28, 112
 255, 232, 255	 137, 0, 88
	 109, 0, 64
	 81, 0, 42
	 56, 0, 22
	 19, 0, 0
	 0, 0, 0

■ 255, 118, 191

■ 255, 118, 191

■ 255, 93, 179

■ 255, 144, 203

■ 255, 67, 167

■ 255, 169, 215

■ 255, 42, 155

■ 255, 195, 227

■ 255, 16, 143

■ 255, 220, 239

■ 255, 0, 136

■ 255, 246, 251

255, 255, 255

Harmonies

Analogous

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



210, 137, 241



255, 118, 191



255, 116, 135

Triad

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



255, 118, 191



51, 173, 60



0, 107, 246

Complementary

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



255, 118, 191



118, 211, 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, 98, 198



255, 118, 191



87, 185, 173

Square

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



255, 118, 191



143, 214, 51



0, 110, 191



0, 105, 255

Rectangle

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



255, 118, 191



255, 131, 101



0, 110, 191



0, 105, 232

Sweetspot

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



255, 118, 191



255, 214, 236



182, 118, 255



128, 103, 116



0, 0, 0



128, 128, 128

Same Dimension

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



255, 118, 191



255, 92, 179



255, 118, 123



128, 115, 122



191, 0, 102



64, 0, 34

Inverse Universe

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



255, 118, 191



255, 92, 179



118, 188, 255



128, 115, 122



191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RYB color 255, 118, 191 looks on a white background.

Color Contrast Check

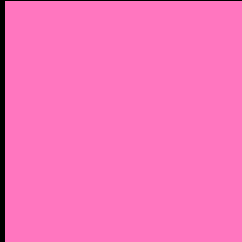
Large Text (above 18pt) WCAG AA × Fail

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, 118, 191 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, 118, 191 Background



This preview shows how black text looks on a background with the RYB color 255, 118, 191.



This preview shows how white text looks on a background with the RYB color 255, 118, 191.

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
250, 129, 138

Trichromacy



Original Color

255, 118, 191



Protanomaly

188, 147, 211



Deuteranomaly

203, 146, 187



Tritanomaly

252, 125, 157

Monochromacy



Original Color

255, 118, 191



Achromatopsia

167, 167, 167



Achromatomaly

199, 149, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 118, 191 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, 118, 191) looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 191)  
}
```

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, 118, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 191) }
```

Border

The CSS property to change the border of an element to RYB 255, 118, 191 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, 118, 191) }
```

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

```
.border{ border-color:rgb(255, 118, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 118, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 255, 118, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 191) }
```

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

```
.background{ background-color: rgb(255,  
118, 191) }
```

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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