

Converting Colors

`RYB(255, 108, 222)`

Have a look what the booklet for
RYB(255, 108, 222) contains.

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Color

RYB(255, 108, 222)

Conversions

Conversions Part 1

Format	Color
Hex	FF6CDE
RGB	255, 108, 222
RGB Percent	100%, 42%, 87%
CMY	0.0000, 0.5765, 0.1294
CMYK	0.00, 0.58, 0.13, 0.00
HSL	313°, 100%, 71%
HSV	313°, 58%, 100%
XYZ	59.7874, 37.2591, 73.1478
YIQ	164.9490, 51.0180, 66.6180

Conversions

Conversions Part 2

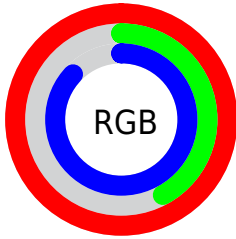
Format	Color
R _Y B	255, 108, 222
Decimal	16739550
CIE Lab	67.47, 68.62, -31.25
CIE LCh	67, 75.402, 335.517
Yxy	37.2591, 0.3513, 0.2189
Android (android.graphics.Color)	4294929630 (0xFFFF6CDE)
YUV	164.9490, 28.1261, 78.9747
Hunter-Lab	61.0402, 68.0161, -28.3223

Details

The RYB color **255, 108, 222** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **108, 228, 255**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 166, 255**, and **195, 46, 167** is the 20% darker color. If you saturate the color by 10%, you get **255, 83, 216**, and if you desaturate by 10%, it is **255, 134, 228**.

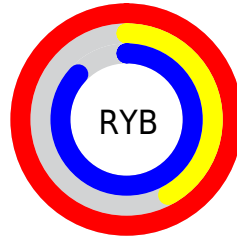
Distribution



Red (100%)

Green (42%)

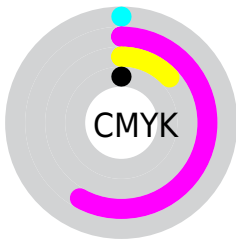
Blue (87%)



Red (100%)

Yellow (42%)

Blue (87%)

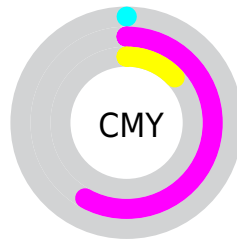


Cyan (0%)

Magenta (58%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 108, 222 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, 108, 222 by changing the saturation by 10% instead.

 255, 108, 222

 255, 108, 222

255, 255, 255

 225, 79, 194

 255, 166, 255

 195, 46, 167

 255, 195, 255


 166, 0, 140

 255, 224, 255

 137, 0, 114

255, 254, 255

 109, 0, 89

 81, 0, 65

 56, 0, 43

 22, 0, 21

 0, 0, 0

■ 255, 108, 222

■ 255, 108, 222

■ 255, 83, 216

■ 255, 134, 228

■ 255, 57, 211

■ 255, 159, 233

■ 255, 32, 205

■ 255, 185, 239

■ 255, 6, 199

■ 255, 210, 245

■ 255, 0, 198

■ 255, 236, 251

255, 255, 255

Harmonies

Analogous

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



181, 140, 255



255, 108, 222



255, 92, 155

Triad

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



255, 108, 222



22, 185, 0



0, 108, 242

Complementary

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



255, 108, 222



108, 228, 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, 103, 195



255, 108, 222



37, 182, 106

Square

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



255, 108, 222



215, 240, 27



0, 124, 192



0, 108, 255

Rectangle

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



255, 108, 222



255, 101, 110



0, 124, 192



0, 104, 221

Sweetspot

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



255, 108, 222



255, 212, 245



140, 108, 255



128, 102, 122



0, 0, 0



128, 128, 128

Same Dimension

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



255, 108, 222



255, 79, 216



255, 108, 150



128, 115, 125



191, 0, 148



64, 0, 49

Inverse Universe

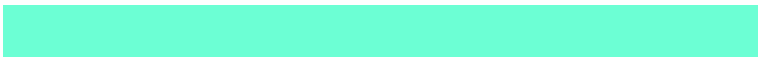
The Inverse Universe completely reimagines the original color for something new.



255, 108, 222



255, 79, 216



108, 194, 255



128, 115, 125



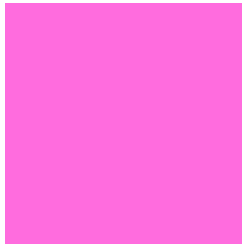
191, 0, 148



64, 0, 49

Previews

White Background



This preview shows how the RYB color 255, 108, 222 looks on a white background.

Color Contrast Check

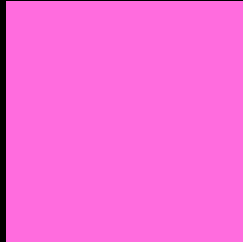
Large Text (above 18pt) WCAG AA × Fail

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, 108, 222 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, 108, 222 Background



This preview shows how black text looks on a background with the RGB color 255, 108, 222.

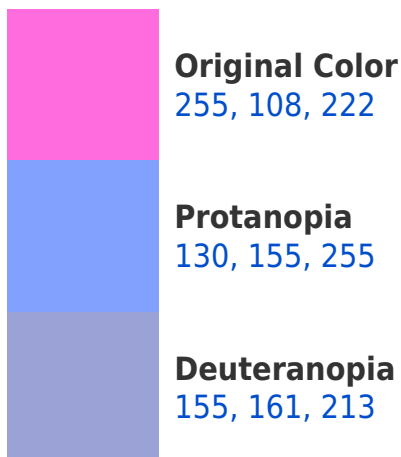



This preview shows how white text looks on a background with the RGB color 255, 108, 222.

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
246, 129, 138

Trichromacy



Original Color
255, 108, 222



Protanomaly
175, 142, 243



Deuteranomaly
191, 142, 216



Tritanomaly
249, 121, 169

Monochromacy



Original Color
255, 108, 222



Achromatopsia
165, 165, 165



Achromatomaly
198, 144, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 108, 222 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, 108, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 222)  
}
```

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, 108, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 222) }
```

Border

The CSS property to change the border of an element to RYB 255, 108, 222 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, 108, 222) }
```

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

```
.border{ border-color:rgb(255, 108, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 108, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 108, 222); box-shadow:4px 4px 4px 4px rgb(255, 108, 222) }
```

Background

The CSS property to change the background color of an element to RYB 255, 108, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 222) }
```

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

```
.background{ background-color: rgb(255,  
108, 222) }
```

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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