

Converting Colors

`RYB(255, 71, 188)`

Have a look what the booklet for
RYB(255, 71, 188) contains.

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Color

R_YB(255, 71, 188)

Conversions

Conversions Part 1

Format	Color
Hex	FF47BC
RGB	255, 71, 188
RGB Percent	100%, 28%, 74%
CMY	0.0000, 0.7216, 0.2627
CMYK	0.00, 0.72, 0.26, 0.00
HSL	322°, 100%, 64%
HSV	322°, 72%, 100%
XYZ	52.5703, 29.3973, 50.4804
YIQ	139.3540, 72.1070, 75.3950

Conversions

Conversions Part 2

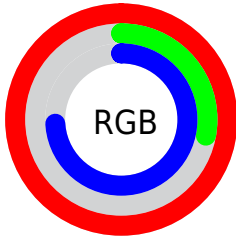
Format	Color
R_{YB}	255, 71, 188
Decimal	16730044
CIE _{Lab}	61.13, 77.97, -21.81
CIE _{LCh}	61, 80.961, 344.373
Yxy	29.3973, 0.3969, 0.2220
Android (android.graphics.Color)	4294920124 (0xFFFF47BC)
YUV	139.3540, 23.9825, 101.4215
Hunter-Lab	54.2193, 78.1876, -17.2480

Details

The RYB color **255, 71, 188** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **71, 206, 255**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **255, 134, 244**, and **194, 0, 135** is the 20% darker color. If you saturate the color by 10%, you get **255, 46, 179**, and if you desaturate by 10%, it is **255, 97, 197**.

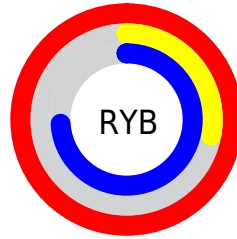
Distribution



Red (100%)

Green (28%)

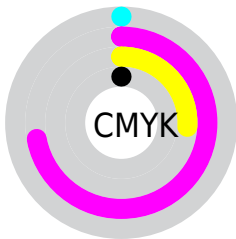
Blue (74%)



Red (100%)

Yellow (28%)

Blue (74%)

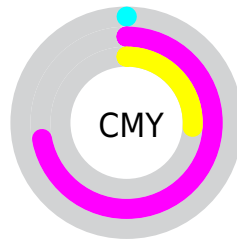


Cyan (0%)

Magenta (72%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (72%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 71, 188 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, 71, 188 by changing the saturation by 10% instead.



255, 71, 188



255, 71, 188

255, 255, 255



224, 30, 161



255, 134, 244



194, 0, 135



255, 164, 255



164, 0, 109



255, 193, 255



134, 0, 85



255, 223, 255



105, 0, 61

255, 254, 255



77, 0, 39



48, 0, 16



0, 0, 0



255, 71, 188



255, 71, 188

■ 255, 46, 179

■ 255, 97, 197

■ 255, 20, 169

■ 255, 122, 207

■ 255, 0, 162

■ 255, 147, 216

■ 255, 173, 225

■ 255, 199, 234

■ 255, 224, 244

■ 255, 250, 253

255, 255, 255

Harmonies

Analogous

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



192, 110, 251



255, 71, 188



255, 62, 117

Triad

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



255, 71, 188



0, 155, 9



0, 103, 247

Complementary

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



255, 71, 188



71, 206, 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, 90, 181



255, 71, 188



25, 169, 140

Square

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



255, 71, 188



125, 208, 0



0, 111, 177



0, 101, 255

Rectangle

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



255, 71, 188



255, 84, 71



0, 111, 177



0, 100, 227

Sweetspot

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



255, 71, 188



255, 199, 235



135, 71, 255



128, 94, 115



0, 0, 0



128, 128, 128

Same Dimension

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



255, 71, 188



255, 33, 174



255, 71, 99



128, 115, 123



191, 0, 122



64, 0, 41

Inverse Universe

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



255, 71, 188



255, 33, 174



71, 171, 255



128, 115, 123



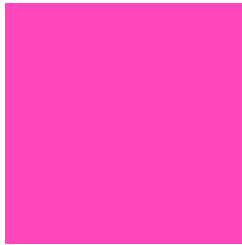
191, 0, 122



64, 0, 41

Previews

White Background



This preview shows how the RYB color 255, 71, 188 looks on a white background.

Color Contrast Check

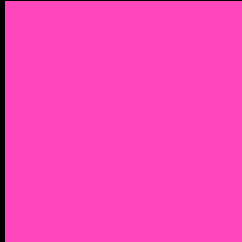
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71, 188 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 255, 71, 188 Background



This preview shows how black text looks on a background with the RYB color 255, 71, 188.



This preview shows how white text looks on a background with the RYB color 255, 71, 188.

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
255, 71, 188

Protanopia
108, 137, 243

Deuteranopia
147, 144, 178



Tritanopia
248, 96, 102

Trichromacy



Original Color

255, 71, 188



Protanomaly

161, 118, 223



Deuteranomaly

186, 117, 182



Tritanomaly

251, 87, 133

Monochromacy



Original Color

255, 71, 188



Achromatopsia

139, 139, 139



Achromatomaly

181, 114, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 71, 188 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, 71, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 188)  
}
```

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, 71, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 188) }
```

Border

The CSS property to change the border of an element to RYB 255, 71, 188 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, 71, 188) }
```

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

```
.border{ border-color:rgb(255, 71, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 71, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 255, 71, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 188) }
```

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

```
.background{ background-color: rgb(255, 71,  
188) }
```

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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