

Converting Colors

`RYB(255, 93, 182)`

Have a look what the booklet for
RYB(255, 93, 182) contains.

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Color

`RYB(255, 93, 182)`

Conversions

Conversions Part 1

Format	Color
Hex	FF5DB6
RGB	255, 93, 182
RGB Percent	100%, 36%, 71%
CMY	0.0000, 0.6353, 0.2863
CMYK	0.00, 0.64, 0.29, 0.00
HSL	327°, 100%, 68%
HSV	327°, 64%, 100%
XYZ	53.5978, 32.4661, 47.6976
YIQ	151.5840, 67.9830, 62.0230

Conversions

Conversions Part 2

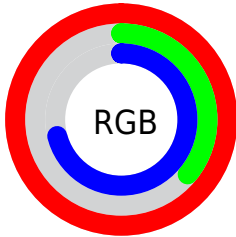
Format	Color
RYB	255, 93, 182
Decimal	16735670
CIELab	63.73, 69.44, -14.44
CIElCh	64, 70.922, 348.256
Yxy	32.4661, 0.4007, 0.2427
Android (android.graphics.Color)	4294925750 (0xFFFF5DB6)
YUV	151.5840, 14.9951, 90.6958
Hunter-Lab	56.9790, 68.1944, -9.7468

Details

The RYB color **255, 93, 182** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **93, 205, 255**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 151, 238**, and **194, 22, 129** is the 20% darker color. If you saturate the color by 10%, you get **255, 67, 171**, and if you desaturate by 10%, it is **255, 119, 193**.

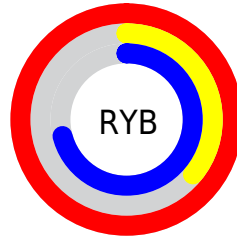
Distribution



Red (100%)

Green (36%)

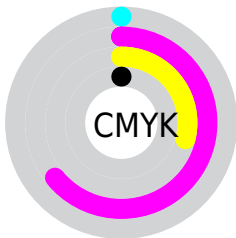
Blue (71%)



Red (100%)

Yellow (36%)

Blue (71%)

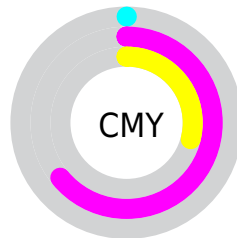


Cyan (0%)

Magenta (64%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 93, 182 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, 93, 182 by changing the saturation by 10% instead.

 255, 93, 182

 255, 93, 182

255, 255, 255

 224, 62, 155

 255, 151, 238

 194, 22, 129

 255, 181, 255

 165, 0, 104

 255, 210, 255

 135, 0, 80

 255, 240, 255

 106, 0, 57

 78, 0, 35

 51, 0, 11

 0, 0, 0

 255, 93, 182

 255, 93, 182

■ 255, 67, 171

■ 255, 119, 193

■ 255, 42, 159

■ 255, 144, 205

■ 255, 16, 148

■ 255, 170, 216

■ 255, 0, 140

■ 255, 195, 228

■ 255, 221, 239

■ 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.



205, 119, 239



255, 93, 182



255, 92, 119

Triad

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



255, 93, 182



0, 163, 15



0, 104, 248

Complementary

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



255, 93, 182



93, 205, 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, 94, 192



255, 93, 182



63, 176, 172

Square

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



255, 93, 182



91, 205, 0



0, 108, 182



0, 102, 255

Rectangle

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



255, 93, 182



255, 111, 79



0, 108, 182



0, 102, 231

Sweetspot

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



255, 93, 182



255, 207, 233



166, 93, 255



128, 98, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 93, 182



255, 61, 168



255, 93, 101



128, 115, 122



191, 0, 105



64, 0, 35

Inverse Universe

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



255, 93, 182



255, 61, 168



93, 176, 255



128, 115, 122



191, 0, 105



64, 0, 35

Previews

White Background



This preview shows how the RYB color 255, 93, 182 looks on a white background.

Color Contrast Check

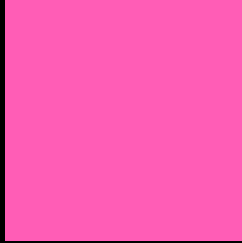
Large Text (above 18pt) WCAG AA × Fail

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, 93, 182 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, 93, 182 Background



This preview shows how black text looks on a background with the RYB color 255, 93, 182.



This preview shows how white text looks on a background with the RYB color 255, 93, 182.

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, 93, 182

Protanopia
132, 148, 224

Deuteranopia
161, 151, 173



Tritanopia
250, 109, 116

Trichromacy



Original Color
255, 93, 182



Protanomaly
177, 131, 209



Deuteranomaly
195, 130, 176



Tritanomaly
252, 103, 140

Monochromacy



Original Color
255, 93, 182



Achromatopsia
152, 152, 152



Achromatomaly
189, 131, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 93, 182 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, 93, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 182)  
}
```

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, 93, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 182) }
```

Border

The CSS property to change the border of an element to RYB 255, 93, 182 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, 93, 182) }
```

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

```
.border{ border-color:rgb(255, 93, 182) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 255, 93, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 182) }
```

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

```
.background{ background-color: rgb(255, 93,  
182) }
```

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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