

Converting Colors

`RYB(255, 93, 169)`

Have a look what the booklet for
RYB(255, 93, 169) contains.

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Color

`RYB(255, 93, 169)`

Conversions

Conversions Part 1

Format	Color
Hex	FF5DA9
RGB	255, 93, 169
RGB Percent	100%, 36%, 66%
CMY	0.0000, 0.6353, 0.3373
CMYK	0.00, 0.64, 0.34, 0.00
HSL	332°, 100%, 68%
HSV	332°, 64%, 100%
XYZ	52.3158, 31.9533, 40.9464
YIQ	150.1020, 72.1560, 57.9800

Conversions

Conversions Part 2

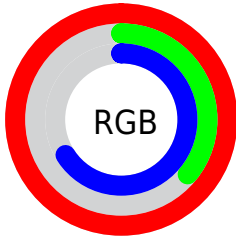
Format	Color
R _{YB}	255, 93, 169
Decimal	16735657
CIE _{Lab}	63.30, 67.94, -7.63
CIE _{LCh}	63, 68.363, 353.593
Y _{xy}	31.9533, 0.4178, 0.2552
Android (android.graphics.Color)	4294925737 (0xFFFF5DA9)
YUV	150.1020, 9.3167, 91.9955
Hunter-Lab	56.5272, 66.2786, -3.3786

Details

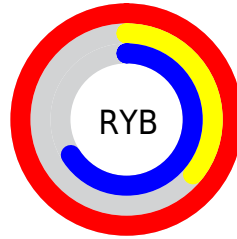
The RYB color **255, 93, 169** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **93, 199, 255**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 151, 224**, and **194, 23, 117** is the 20% darker color. If you saturate the color by 10%, you get **255, 67, 155**, and if you desaturate by 10%, it is **255, 119, 183**.

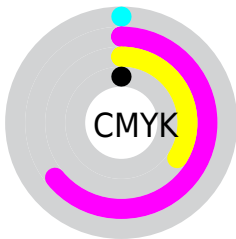
Distribution



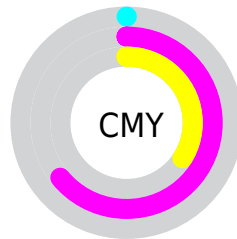
- Red (100%)
- Green (36%)
- Blue (66%)



- Red (100%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 93, 169 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, 169 by changing the saturation by 10% instead.



255, 93, 169



255, 93, 169

255, 255, 255



224, 62, 143



255, 151, 224



194, 23, 117



255, 180, 253



164, 0, 92



255, 210, 255



135, 0, 69



255, 239, 255



105, 0, 47



77, 0, 26



49, 0, 2



0, 0, 0



255, 93, 169



255, 93, 169

■ 255, 67, 155

■ 255, 119, 183

■ 255, 42, 142

■ 255, 144, 196

■ 255, 16, 128

■ 255, 170, 210

■ 255, 0, 120

■ 255, 195, 223

■ 255, 221, 237

■ 255, 246, 250

255, 255, 255

Harmonies

Analogous

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



214, 115, 226



255, 93, 169



255, 97, 108

Triad

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



255, 93, 169



19, 164, 47



0, 104, 251

Complementary

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



255, 93, 169



93, 199, 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, 95, 200



255, 93, 169



48, 152, 175

Square

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



255, 93, 169



64, 194, 0



0, 103, 181



0, 100, 255

Rectangle

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



255, 93, 169



248, 124, 71



0, 103, 181



0, 102, 236

Sweetspot

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



255, 93, 169



255, 207, 229



177, 93, 255



128, 98, 112



0, 0, 0



128, 128, 128

Same Dimension

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



255, 93, 169



255, 61, 152



255, 96, 93



128, 115, 121



191, 0, 90



64, 0, 30

Inverse Universe

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



255, 93, 169



255, 61, 152



93, 173, 255



128, 115, 121



191, 0, 90



64, 0, 30

Previews

White Background



This preview shows how the RYB color 255, 93, 169 looks on a white background.

Color Contrast Check

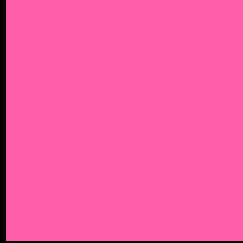
Large Text (above 18pt) WCAG AA × Fail

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, 169 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, 169 Background



This preview shows how black text looks on a background with the RYB color 255, 93, 169.

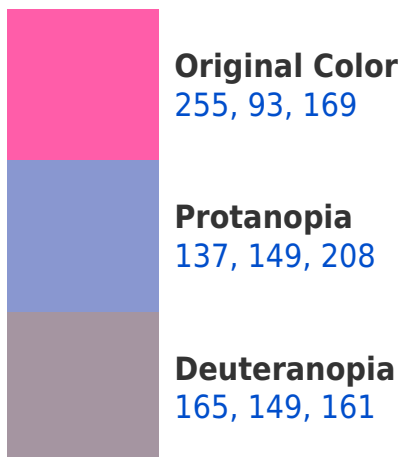



This preview shows how white text looks on a background with the RYB color 255, 93, 169.

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
251, 106, 113

Trichromacy



Original Color
255, 93, 169



Protanomaly
180, 131, 194



Deuteranomaly
198, 129, 164



Tritanomaly
252, 101, 133

Monochromacy



Original Color
255, 93, 169



Achromatopsia
150, 150, 150



Achromatomaly
188, 129, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 93, 169 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 169) }
```

Border

The CSS property to change the border of an element to RYB 255, 93, 169 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, 169) }
```

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

```
.border{ border-color:rgb(255, 93, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 255, 93, 169 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, 169) }
```

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

```
.background{ background-color: rgb(255, 93,  
169) }
```

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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