

Converting Colors

`RYB(255, 57, 155)`

Have a look what the booklet for
RYB(255, 57, 155) contains.

RYB(255, 57, 155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(255, 57, 155)`

Conversions

Conversions Part 1

Format	Color
Hex	FF399B
RGB	255, 57, 155
RGB Percent	100%, 22%, 61%
CMY	0.0000, 0.7765, 0.3922
CMYK	0.00, 0.78, 0.39, 0.00
HSL	330°, 100%, 61%
HSV	330°, 78%, 100%
XYZ	48.6195, 26.5528, 33.5730
YIQ	127.3740, 86.5500, 72.4540

Conversions

Conversions Part 2

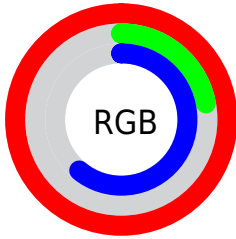
Format	Color
R_{YB}	255, 57, 155
Decimal	16726427
CIE Lab	58.56, 78.51, -6.57
CIE LCh	59, 78.781, 355.218
Yxy	26.5528, 0.4471, 0.2442
Android (android.graphics.Color)	4294916507 (0xFFFF399B)
YUV	127.3740, 13.6196, 111.9280
Hunter-Lab	51.5294, 78.2435, -2.5587

Details

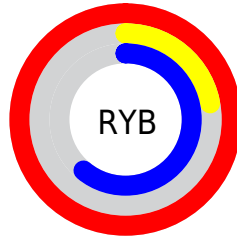
The RYB color **255, 57, 155** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **57, 189, 255**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 123, 209**, and **193, 0, 104** is the 20% darker color. If you saturate the color by 10%, you get **255, 31, 142**, and if you desaturate by 10%, it is **255, 82, 168**.

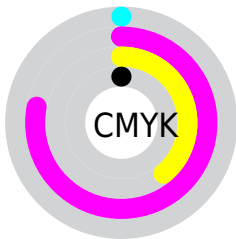
Distribution



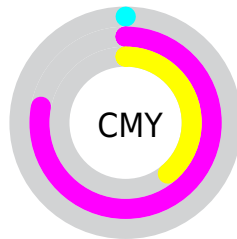
- Red (100%)
- Green (22%)
- Blue (61%)



- Red (100%)
- Yellow (22%)
- Blue (61%)



- Cyan (0%)
- Magenta (78%)
- Yellow (39%)
- Black (0%)




- Cyan (0%)
- Magenta (78%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 57, 155 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, 57, 155 by changing the saturation by 10% instead.

 255, 57, 155

 255, 57, 155

255, 255, 255

 224, 0, 129

 255, 123, 209

 193, 0, 104

 255, 153, 238

 162, 0, 80

 255, 183, 255

 132, 0, 57

 255, 213, 255

 102, 0, 36

 255, 244, 255

 74, 0, 14

 42, 0, 1

 0, 0, 0

 255, 57, 155

 255, 57, 155

■ 255, 31, 142

■ 255, 82, 168

■ 255, 6, 129

■ 255, 108, 181

■ 255, 0, 126

■ 255, 133, 194

■ 255, 159, 207

■ 255, 184, 219

■ 255, 210, 232

■ 255, 235, 245

255, 255, 255

Harmonies

Analogous

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



212, 91, 221



255, 57, 155



255, 67, 87

Triad

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



255, 57, 155



0, 154, 41



0, 100, 254

Complementary

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



255, 57, 155



57, 189, 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, 92, 198



255, 57, 155



0, 124, 165

Square

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



255, 57, 155



60, 179, 0



0, 97, 170



0, 96, 255

Rectangle

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



255, 57, 155



242, 109, 42



0, 97, 170



0, 99, 238

Sweetspot

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



255, 57, 155



255, 196, 225



156, 57, 255



128, 92, 109



0, 0, 0



128, 128, 128

Same Dimension

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



255, 57, 155



255, 18, 135



255, 57, 57



128, 115, 121



191, 0, 95



64, 0, 32

Inverse Universe

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



255, 57, 155



255, 18, 135



57, 156, 255



128, 115, 121



191, 0, 95



64, 0, 32

Previews

White Background



This preview shows how the RYB color 255, 57, 155 looks on a white background.

Color Contrast Check

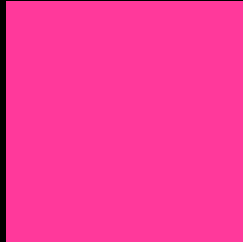
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57, 155 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](#).

RGB 255, 57, 155 Background



This preview shows how black text looks on a background with the RGB color 255, 57, 155.



This preview shows how white text looks on a background with the RGB color 255, 57, 155.

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, 57, 155

Protanopia
118, 135, 208

Deuteranopia
153, 137, 145



Tritanopia
250, 78, 82

Trichromacy



Original Color

255, 57, 155



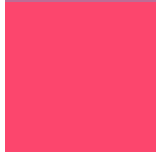
Protanomaly

168, 109, 189



Deuteranomaly

190, 108, 149



Tritanomaly

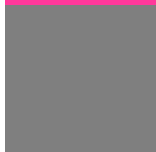
252, 70, 109

Monochromacy



Original Color

255, 57, 155



Achromatopsia

127, 127, 127



Achromatomaly

174, 102, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 57, 155 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, 57, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 155)  
}
```

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, 57, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 155) }
```

Border

The CSS property to change the border of an element to RYB 255, 57, 155 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, 57, 155) }
```

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

```
.border{ border-color:rgb(255, 57, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 255, 57, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 155) }
```

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

```
.background{ background-color: rgb(255, 57,  
155) }
```

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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