

Converting Colors

`RYB(239, 95, 154)`

Have a look what the booklet for
RYB(239, 95, 154) contains.

RYB(239, 95, 154)	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(239, 95, 154)

Conversions

Conversions Part 1

Format	Color
Hex	EF5F9A
RGB	239, 95, 154
RGB Percent	94%, 37%, 60%
CMY	0.0627, 0.6275, 0.3961
CMYK	0.00, 0.60, 0.36, 0.06
HSL	335°, 82%, 65%
HSV	335°, 60%, 94%
XYZ	45.5215, 28.8682, 33.7447
YIQ	144.7820, 66.8850, 48.8770

Conversions

Conversions Part 2

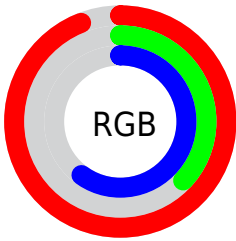
Format	Color
RYB	239, 95, 154
Decimal	15687578
CIELab	60.67, 60.74, -3.16
CIELCh	61, 60.827, 357.018
Yxy	28.8682, 0.4210, 0.2670
Android (android.graphics.Color)	4293877658 (0xFFEF5F9A)
YUV	144.7820, 4.5445, 82.6292
Hunter-Lab	53.7292, 57.2065, 0.3732

Details

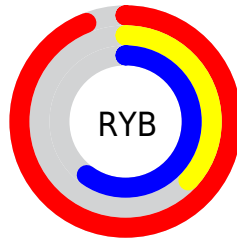
The RYB color **239, 95, 154** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **95, 186, 239**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 151, 208**, and **179, 33, 103** is the 20% darker color. If you saturate the color by 10%, you get **239, 71, 140**, and if you desaturate by 10%, it is **239, 119, 168**.

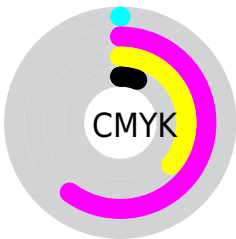
Distribution



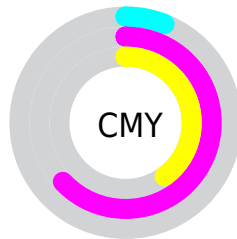
- Red (94%)
- Green (37%)
- Blue (60%)



- Red (94%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 95, 154 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 239, 95, 154 by changing the saturation by 10% instead.



239, 95, 154



239, 95, 154

255, 255, 255



209, 66, 128



255, 151, 208



179, 33, 103



255, 180, 237



150, 0, 79



255, 209, 255



121, 0, 56



255, 238, 255



92, 0, 35



66, 0, 13



34, 0, 1



0, 0, 0



239, 95, 154



239, 95, 154

■ 239, 71, 140

■ 239, 119, 168

■ 239, 47, 126

■ 239, 143, 182

■ 239, 23, 112

■ 239, 167, 196

■ 239, 0, 98

■ 239, 191, 210

■ 239, 214, 225

■ 239, 238, 239

■ 239, 248, 255

■ 239, 247, 255

Harmonies

Analogous

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



206, 111, 206



239, 95, 154



241, 100, 101

Triad

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



239, 95, 154



40, 158, 72



0, 97, 236

Complementary

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



239, 95, 154



95, 186, 239

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, 91, 194



239, 95, 154



46, 138, 167

Square

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



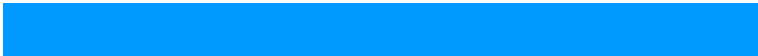
239, 95, 154



71, 178, 24



0, 94, 171



0, 96, 254

Rectangle

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



239, 95, 154



228, 130, 69



0, 94, 171



0, 96, 224

Sweetspot

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



239, 95, 154



255, 209, 228



179, 95, 239



128, 99, 111



0, 0, 0



128, 128, 128

Same Dimension

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



239, 95, 154



255, 71, 147



239, 108, 95



120, 108, 113



184, 0, 75



56, 0, 23

Inverse Universe

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



239, 95, 154



255, 71, 147



95, 164, 239



120, 108, 113



184, 0, 75



56, 0, 23

Previews

White Background



This preview shows how the RYB color 239, 95, 154 looks on a white background.

Color Contrast Check

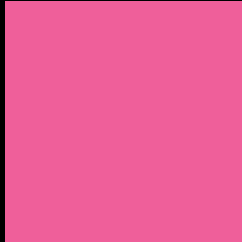
Large Text (above 18pt) WCAG AA ✓ Pass

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 239, 95, 154 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 239, 95, 154 Background



This preview shows how black text looks on a background with the RGB color 239, 95, 154.

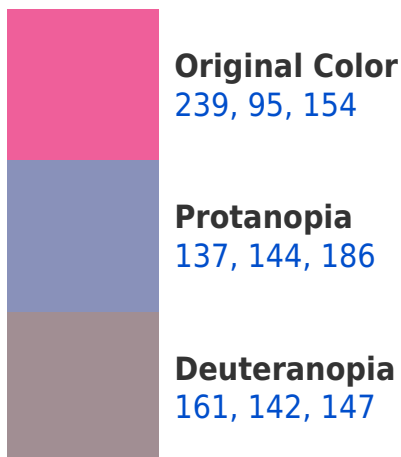



This preview shows how white text looks on a background with the RGB color 239, 95, 154.

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
236, 104, 111

Trichromacy



Original Color

239, 95, 154



Protanomaly

174, 127, 174



Deuteranomaly

189, 125, 150



Tritanomaly

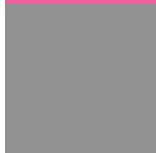
237, 101, 127

Monochromacy



Original Color

239, 95, 154



Achromatopsia

145, 145, 145



Achromatomaly

179, 127, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 95, 154 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(239, 95, 154) looks like.

```
.text, #text, p{  
    color:rgb(239, 95, 154)  
}
```

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(239, 95, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 95, 154) }
```

Border

The CSS property to change the border of an element to RYB 239, 95, 154 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(239, 95, 154) }
```

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

```
.border{ border-color:rgb(239, 95, 154) }
```

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

Here you see how a box with a 4 pixel rgb(239, 95, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 95, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 95, 154);  
box-shadow:4px 4px 4px 4px rgb(239, 95,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 239, 95, 154 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 95, 154) }
```

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

```
.background{ background-color: rgb(239, 95,  
154) }
```

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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