

# Converting Colors

`RYB(239, 124, 195)`

Have a look what the booklet for  
RYB(239, 124, 195) contains.

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# Color

**`RYB(239, 124, 195)`**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF7CC3
RGB	239, 124, 195
RGB Percent	94%, 49%, 76%
CMY	0.0627, 0.5137, 0.2353
CMYK	0.00, 0.48, 0.18, 0.06
HSL	323°, 78%, 71%
HSV	323°, 48%, 94%
XYZ	52.6546, 36.7062, 55.9396
YIQ	166.4790, 45.7490, 46.4610

# Conversions

## Conversions Part 2

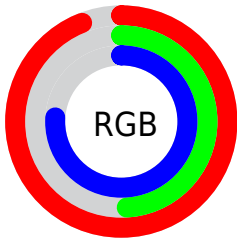
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	239, 124, 195
Decimal	15695043
CIE <sub>Lab</sub>	67.06, 52.65, -16.98
CIE <sub>LCh</sub>	67, 55.319, 342.121
Yxy	36.7062, 0.3624, 0.2526
Android (android.graphics.Color)	4293885123 (0xFFEF7CC3)
YUV	166.4790, 14.0609, 63.6009
Hunter-Lab	60.5856, 49.1085, -12.3334

# Details

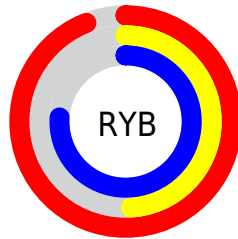
The RYB color **239, 124, 195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **124, 207, 239**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 179, 252**, and **181, 70, 141** is the 20% darker color. If you saturate the color by 10%, you get **239, 100, 186**, and if you desaturate by 10%, it is **239, 148, 204**.

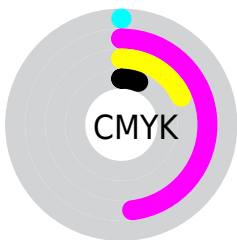
# Distribution



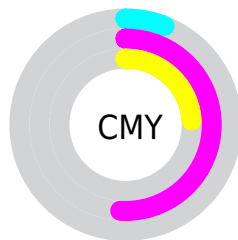
- Red (94%)
- Green (49%)
- Blue (76%)



- Red (94%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (51%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 239, 124, 195 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, 124, 195 by changing the saturation by 10% instead.



 239, 124, 195

255, 255, 255


 255, 179, 252

 255, 208, 255

 255, 237, 255

 239, 124, 195


 210, 97, 168

 181, 70, 141

 152, 41, 116

 124, 2, 91


 97, 0, 67

 71, 0, 45

 46, 0, 24

 0, 0, 0

 239, 124, 195


 239, 124, 195

 239, 100, 186

 239, 148, 204

 239, 76, 177

 239, 172, 213

 239, 52, 168

 239, 196, 222

 239, 28, 158

 239, 220, 232

 239, 4, 149

 239, 242, 243

 239, 0, 148

 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.



193, 142, 237



239, 124, 195



255, 119, 145

# Triad

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



239, 124, 195



65, 172, 60



0, 102, 229

# Complementary

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



239, 124, 195



124, 207, 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, 95, 188



239, 124, 195



86, 179, 148

# Square

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



239, 124, 195



184, 216, 66



3, 111, 186



0, 104, 255

# Rectangle

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



239, 124, 195



252, 127, 113



3, 111, 186



0, 100, 215



# Sweetspot

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



239, 124, 195



255, 219, 241



166, 124, 239



128, 106, 119



0, 0, 0



128, 128, 128



# Same Dimension

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



239, 124, 195



255, 107, 198



239, 124, 139



120, 108, 115



184, 0, 113



56, 0, 35



# Inverse Universe

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



239, 124, 195



255, 107, 198



124, 186, 239



120, 108, 115



184, 0, 113



56, 0, 35



# Previews

## White Background



This preview shows how the RYB color 239, 124, 195 looks on a white background.

## Color Contrast Check

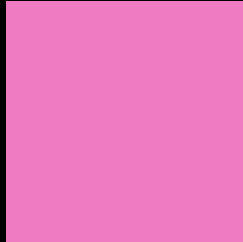
Large Text (above 18pt) WCAG AA × Fail

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 239, 124, 195 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](#).



## RGB 239, 124, 195 Background



This preview shows how black text looks on a background with the RGB color 239, 124, 195.



This preview shows how white text looks on a background with the RGB color 239, 124, 195.

# 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**  
239, 124, 195

**Protanopia**  
146, 159, 222

**Deuteranopia**  
167, 160, 189



**Tritanopia**  
234, 134, 144

# Trichromacy



**Original Color**

239, 124, 195



**Protanomaly**

180, 148, 212



**Deuteranomaly**

193, 147, 191



**Tritanomaly**

236, 130, 163

# Monochromacy



**Original Color**

239, 124, 195



**Achromatopsia**

166, 166, 166



**Achromatomaly**

193, 151, 177

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 239, 124, 195 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, 124, 195) looks like.

```
.text, #text, p{  
    color:rgb(239, 124, 195)  
}
```

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, 124, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 124, 195) }
```

## Border

The CSS property to change the border of an element to RYB 239, 124, 195 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, 124, 195) }
```

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

```
.border{ border-color:rgb(239, 124, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 124, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 124, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 124, 195);  
box-shadow:4px 4px 4px 4px rgb(239, 124,  
195) }
```

# Background

The CSS property to change the background color of an element to RYB 239, 124, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 124, 195) }
```

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

```
.background{ background-color: rgb(239,  
124, 195) }
```

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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