

Converting Colors

`RYB(234, 123, 194)`

Have a look what the booklet for
RYB(234, 123, 194) contains.

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Color

`RYB(234, 123, 194)`

Conversions

Conversions Part 1

Format	Color
Hex	EA7BC2
RGB	234, 123, 194
RGB Percent	92%, 48%, 76%
CMY	0.0824, 0.5176, 0.2392
CMYK	0.00, 0.47, 0.17, 0.08
HSL	322°, 73%, 70%
HSV	322°, 47%, 92%
XYZ	50.7522, 35.5534, 55.2265
YIQ	164.2830, 43.3650, 45.6130

Conversions

Conversions Part 2

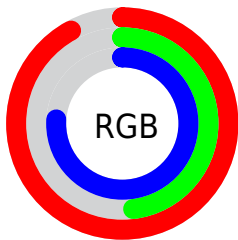
Format	Color
R _Y B	234, 123, 194
Decimal	15367106
CIE Lab	66.18, 51.43, -17.81
CIE LCh	66, 54.427, 340.894
Yxy	35.5534, 0.3586, 0.2512
Android (android.graphics.Color)	4293557186 (0xFFEA7BC2)
YUV	164.2830, 14.6505, 61.1418
Hunter-Lab	59.6267, 47.5867, -13.1760

Details

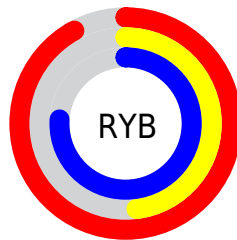
The RYB color **234, 123, 194** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **123, 205, 234**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 178, 251**, and **176, 69, 140** is the 20% darker color. If you saturate the color by 10%, you get **234, 100, 186**, and if you desaturate by 10%, it is **234, 146, 202**.

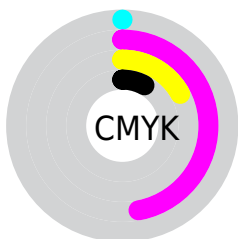
Distribution



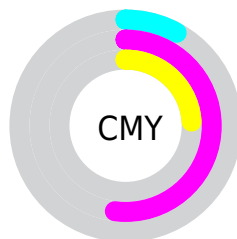
- Red (92%)
- Green (48%)
- Blue (76%)



- Red (92%)
- Yellow (48%)
- Blue (76%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (8%)




- Cyan (8%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 123, 194 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 234, 123, 194 by changing the saturation by 10% instead.


 234, 123, 194

255, 255, 255

 255, 178, 251

 255, 207, 255

 255, 236, 255

 234, 123, 194

 205, 96, 167

 176, 69, 140

 148, 41, 115


 120, 3, 90


 93, 0, 66


 67, 0, 44

 43, 0, 23

 0, 0, 0

 234, 123, 194

 234, 123, 194

 234, 100, 186

 234, 146, 202

 234, 76, 177

 234, 170, 211

 234, 53, 169

 234, 193, 219

 234, 29, 160

 234, 217, 228

 234, 6, 152

 234, 239, 240

 234, 0, 150

 234, 248, 255

 234, 245, 255

 234, 245, 255

Harmonies

Analogous

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



187, 141, 235



234, 123, 194



251, 118, 145

Triad

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



234, 123, 194



66, 171, 59



0, 101, 224

Complementary

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



234, 123, 194



123, 205, 234

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, 185



234, 123, 194



83, 176, 141

Square

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



234, 123, 194



188, 214, 66



23, 120, 183



0, 103, 253

Rectangle

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



234, 123, 194



248, 125, 113



23, 120, 183



0, 98, 210

Sweetspot

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



234, 123, 194



255, 219, 242



162, 123, 234



128, 106, 120



0, 0, 0



128, 128, 128

Same Dimension

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



234, 123, 194



255, 110, 203



234, 123, 140



117, 106, 113



181, 0, 116



54, 0, 34

Inverse Universe

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



234, 123, 194



255, 110, 203



123, 183, 234



117, 106, 113



181, 0, 116



54, 0, 34

Previews

White Background



This preview shows how the RYB color 234, 123, 194 looks on a white background.

Color Contrast Check

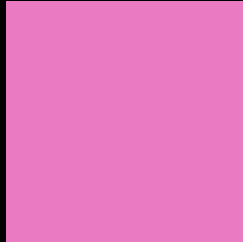
Large Text (above 18pt) WCAG AA × Fail

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 234, 123, 194 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 234, 123, 194 Background



This preview shows how black text looks on a background with the RYB color 234, 123, 194.

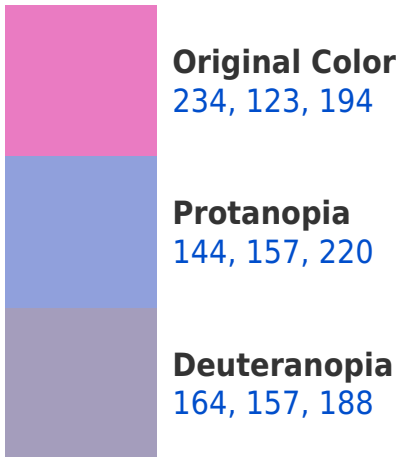



This preview shows how white text looks on a background with the RYB color 234, 123, 194.

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
229, 133, 143

Trichromacy



Original Color

234, 123, 194



Protanomaly

177, 146, 211



Deuteranomaly

189, 145, 190



Tritanomaly

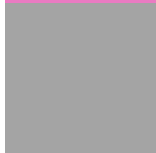
231, 129, 162

Monochromacy



Original Color

234, 123, 194



Achromatopsia

164, 164, 164



Achromatomaly

189, 149, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 123, 194 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(234, 123, 194) looks like.

```
.text, #text, p{  
    color:rgb(234, 123, 194)  
}
```

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(234, 123, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 123, 194) }
```

Border

The CSS property to change the border of an element to RYB 234, 123, 194 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(234, 123, 194) }
```

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

```
.border{ border-color:rgb(234, 123, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 123, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 123, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 123, 194);  
box-shadow:4px 4px 4px 4px rgb(234, 123,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 234, 123, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 123, 194) }
```

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

```
.background{ background-color: rgb(234,  
123, 194) }
```

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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