

Converting Colors

`RYB(234, 148, 191)`

Have a look what the booklet for
RYB(234, 148, 191) contains.

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Color

`RYB(234, 148, 191)`

Conversions

Conversions Part 1

Format	Color
Hex	EA94BF
RGB	234, 148, 191
RGB Percent	92%, 58%, 75%
CMY	0.0824, 0.4196, 0.2510
CMYK	0.00, 0.37, 0.18, 0.08
HSL	330°, 67%, 75%
HSV	330°, 37%, 92%
XYZ	53.9256, 42.4338, 54.6386
YIQ	178.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

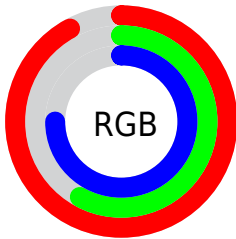
Format	Color
R_{YB}	234, 148, 191
Decimal	15373503
CIE _{Lab}	71.17, 38.20, -8.64
CIE _{LCh}	71, 39.162, 347.254
Yxy	42.4338, 0.3571, 0.2810
Android (android.graphics.Color)	4293563583 (0xFFEA94BF)
YUV	178.6160, 6.1053, 48.5718
Hunter-Lab	65.1412, 33.7696, -4.1318

Details

The RYB color **234, 148, 191** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **148, 205, 234**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 203, 247**, and **177, 96, 138** is the 20% darker color. If you saturate the color by 10%, you get **234, 125, 179**, and if you desaturate by 10%, it is **234, 171, 203**.

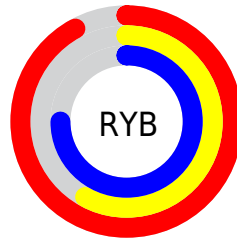
Distribution



Red (92%)

Green (58%)

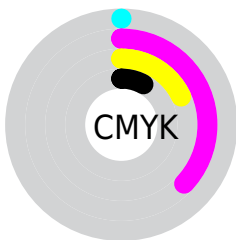
Blue (75%)



Red (92%)

Yellow (58%)

Blue (75%)

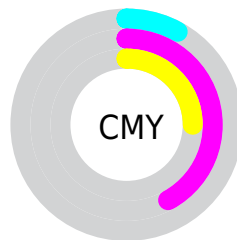


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 234, 148, 191 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, 148, 191 by changing the saturation by 10% instead.

 234, 148, 191

 234, 148, 191

255, 255, 255

 205, 121, 164

 255, 203, 247

 177, 96, 138

 255, 232, 255

 149, 70, 112

 122, 45, 88


 96, 19, 64

 70, 0, 42

 48, 0, 22

 0, 0, 0

 234, 148, 191

 234, 148, 191

■ 234, 125, 179

■ 234, 171, 203

■ 234, 101, 168

■ 234, 195, 214

■ 234, 78, 156

■ 234, 218, 226

■ 234, 54, 144

■ 234, 239, 242

■ 234, 31, 132

■ 234, 246, 255

■ 234, 8, 121

■ 234, 245, 255

■ 234, 0, 117

Harmonies

Analogous

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



204, 158, 223



234, 148, 191



244, 147, 155

Triad

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



234, 148, 191



105, 179, 107



20, 113, 226

Complementary

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



234, 148, 191



148, 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.



31, 112, 194



234, 148, 191



125, 187, 175

Square

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



234, 148, 191



180, 211, 105



90, 152, 192



94, 149, 243

Rectangle

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



234, 148, 191



240, 155, 133



90, 152, 192



0, 102, 216

Sweetspot

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



234, 148, 191



255, 227, 241



191, 148, 234



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



234, 148, 191



255, 143, 199



234, 148, 148



117, 106, 111



181, 0, 91



54, 0, 27

Inverse Universe

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



234, 148, 191



255, 143, 199



148, 191, 234



117, 106, 111



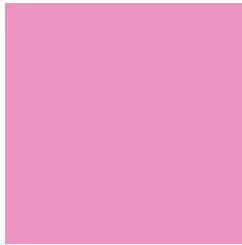
181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RYB color 234, 148, 191 looks on a white background.

Color Contrast Check

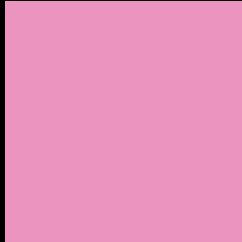
Large Text (above 18pt) WCAG AA × Fail

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, 148, 191 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, 148, 191 Background



This preview shows how black text looks on a background with the RYB color 234, 148, 191.

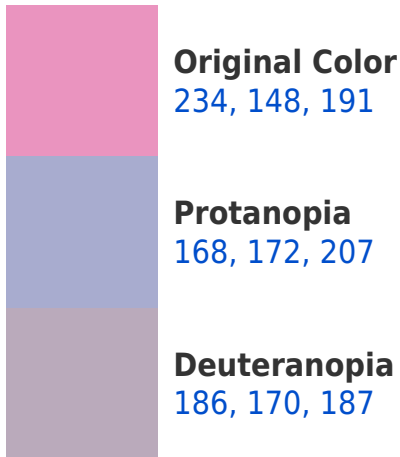


This preview shows how white text looks on a background with the RYB color 234, 148, 191.

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
231, 153, 164

Trichromacy



Original Color

234, 148, 191



Protanomaly

192, 164, 201



Deuteranomaly

203, 162, 188



Tritanomaly

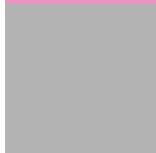
232, 151, 174

Monochromacy



Original Color

234, 148, 191



Achromatopsia

179, 179, 179



Achromatomaly

199, 168, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 148, 191 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, 148, 191) looks like.

```
.text, #text, p{  
    color:rgb(234, 148, 191)  
}
```

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, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 148, 191) }
```

Border

The CSS property to change the border of an element to RYB 234, 148, 191 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, 148, 191) }
```

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

```
.border{ border-color:rgb(234, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(234, 148,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 234, 148, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 148, 191) }
```

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

```
.background{ background-color: rgb(234,  
148, 191) }
```

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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