

Converting Colors

`RYB(234, 73, 148)`

Have a look what the booklet for
RYB(234, 73, 148) contains.

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Color

R_YB(234, 73, 148)

Conversions

Conversions Part 1

Format	Color
Hex	EA4994
RGB	234, 73, 148
RGB Percent	92%, 29%, 58%
CMY	0.0824, 0.7137, 0.4196
CMYK	0.00, 0.69, 0.37, 0.08
HSL	332°, 79%, 60%
HSV	332°, 69%, 92%
XYZ	41.6595, 24.3956, 30.5301
YIQ	129.6890, 71.8810, 57.4570

Conversions

Conversions Part 2

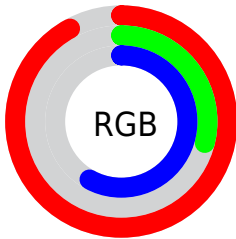
Format	Color
RYB	234, 73, 148
Decimal	15354260
CIELab	56.48, 67.38, -5.94
CIELCh	56, 67.646, 354.966
Yxy	24.3956, 0.4313, 0.2526
Android (android.graphics.Color)	4293544340 (0xFFEA4994)
YUV	129.6890, 9.0273, 91.4807
Hunter-Lab	49.3919, 64.1196, -2.0739

Details

The RYB color **234, 73, 148** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **73, 178, 234**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 132, 202**, and **173, 0, 97** is the 20% darker color. If you saturate the color by 10%, you get **234, 50, 136**, and if you desaturate by 10%, it is **234, 96, 160**.

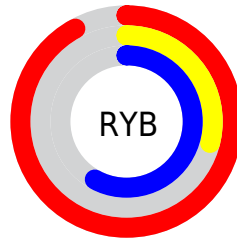
Distribution



Red (92%)

Green (29%)

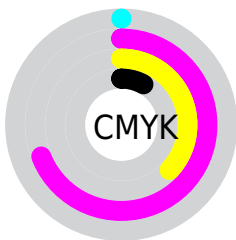
Blue (58%)



Red (92%)

Yellow (29%)

Blue (58%)

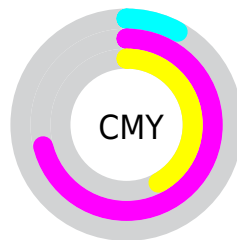


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 73, 148 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, 73, 148 by changing the saturation by 10% instead.

 234, 73, 148

 234, 73, 148

255, 255, 255

 204, 39, 122

 255, 132, 202

 173, 0, 97

 255, 161, 230

 144, 0, 74

 255, 190, 255

 115, 0, 51

 255, 219, 255

 86, 0, 30

 255, 249, 255

 59, 0, 2

 20, 0, 0

 0, 0, 0

 234, 73, 148

 234, 73, 148

■ 234, 50, 136

■ 234, 96, 160

■ 234, 26, 123

■ 234, 120, 173

■ 234, 3, 111

■ 234, 143, 185

■ 234, 0, 109

■ 234, 167, 198

■ 234, 190, 210

■ 234, 213, 223

■ 234, 236, 237

■ 234, 247, 255

■ 234, 245, 255

Harmonies

Analogous

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



196, 96, 204



234, 73, 148



237, 79, 90

Triad

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



234, 73, 148



0, 147, 32



0, 94, 231

Complementary

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



234, 73, 148



73, 178, 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, 86, 184



234, 73, 148



0, 112, 157

Square

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



234, 73, 148



56, 171, 0



0, 91, 161



0, 93, 253

Rectangle

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



234, 73, 148



224, 109, 53



0, 91, 161



0, 92, 218

Sweetspot

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



234, 73, 148



255, 201, 226



159, 73, 234



128, 96, 110



0, 0, 0



128, 128, 128

Same Dimension

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



234, 73, 148



255, 43, 142



234, 78, 73



117, 106, 111



181, 0, 84



54, 0, 25

Inverse Universe

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



234, 73, 148



255, 43, 142



73, 152, 234



117, 106, 111



181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RYB color 234, 73, 148 looks on a white background.

Color Contrast Check

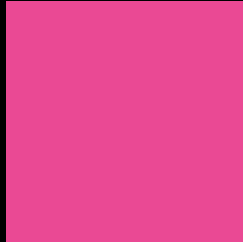
Large Text (above 18pt) WCAG AA ✓ Pass

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 234, 73, 148 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](#).

RYB 234, 73, 148 Background



This preview shows how black text looks on a background with the RYB color 234, 73, 148.

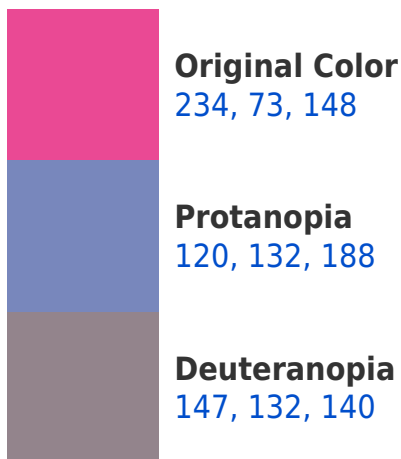


This preview shows how white text looks on a background with the RYB color 234, 73, 148.

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
230, 87, 92

Trichromacy



Original Color

234, 73, 148



Protanomaly

161, 112, 173



Deuteranomaly

179, 111, 143



Tritanomaly

231, 82, 112

Monochromacy



Original Color

234, 73, 148



Achromatopsia

130, 130, 130



Achromatomaly

168, 109, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 73, 148 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, 73, 148) looks like.

```
.text, #text, p{  
    color:rgb(234, 73, 148)  
}
```

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, 73, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 73, 148) }
```

Border

The CSS property to change the border of an element to RYB 234, 73, 148 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, 73, 148) }
```

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

```
.border{ border-color:rgb(234, 73, 148) }
```

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

Here you see how a box with a 4 pixel rgb(234, 73, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 73, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 73, 148);  
box-shadow:4px 4px 4px 4px rgb(234, 73,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 234, 73, 148 is called "background".

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

```
.background, #background, body{  
background: rgb(234, 73, 148) }
```

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

```
.background{ background-color: rgb(234, 73,  
148) }
```

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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