

Converting Colors

`RYB(243, 129, 192)`

Have a look what the booklet for
RYB(243, 129, 192) contains.

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Color

`RYB(243, 129, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	F381C0
RGB	243, 129, 192
RGB Percent	95%, 51%, 75%
CMY	0.0471, 0.4941, 0.2471
CMYK	0.00, 0.47, 0.21, 0.05
HSL	327°, 83%, 73%
HSV	327°, 47%, 95%
XYZ	54.3268, 38.5610, 54.4488
YIQ	170.2680, 47.7210, 43.7610

Conversions

Conversions Part 2

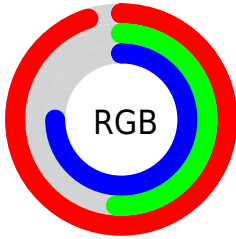
Format	Color
R _Y B	243, 129, 192
Decimal	15958464
CIE Lab	68.43, 51.02, -13.17
CIE LCh	68, 52.692, 345.521
Yxy	38.5610, 0.3687, 0.2617
Android (android.graphics.Color)	4294148544 (0xFFFF381C0)
YUV	170.2680, 10.7139, 63.7860
Hunter-Lab	62.0975, 47.4926, -8.5189

Details

The RYB color **243, 129, 192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **129, 208, 243**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 184, 248**, and **184, 75, 138** is the 20% darker color. If you saturate the color by 10%, you get **243, 105, 181**, and if you desaturate by 10%, it is **243, 153, 203**.

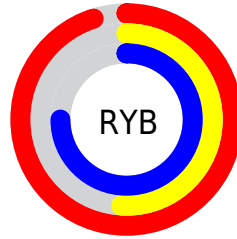
Distribution



Red (95%)

Green (51%)

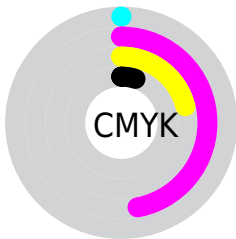
Blue (75%)



Red (95%)

Yellow (51%)

Blue (75%)

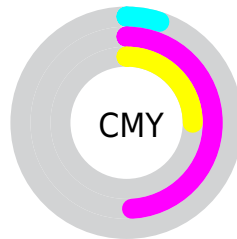


Cyan (0%)

Magenta (47%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 243, 129, 192 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 243, 129, 192 by changing the saturation by 10% instead.

 243, 129, 192

 243, 129, 192

255, 255, 255

 213, 102, 165

 255, 184, 248

 184, 75, 138

 255, 213, 255

 156, 48, 113

 255, 242, 255

 128, 14, 88

 101, 0, 65

 74, 0, 43

 50, 0, 23

 3, 0, 0

 0, 0, 0

■ 243, 129, 192

■ 243, 129, 192

■ 243, 105, 181

■ 243, 153, 203

■ 243, 80, 170

■ 243, 178, 214

■ 243, 56, 159

■ 243, 202, 225

■ 243, 32, 149

■ 243, 226, 235

■ 243, 8, 138

■ 243, 249, 251

■ 243, 0, 134

■ 243, 249, 255

Harmonies

Analogous

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



202, 144, 234



243, 129, 192



255, 127, 144

Triad

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



243, 129, 192



70, 172, 72



0, 104, 234

Complementary

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



243, 129, 192



129, 208, 243

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, 96, 191



243, 129, 192



97, 183, 163

Square

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



243, 129, 192



170, 214, 72



15, 116, 189



0, 105, 255

Rectangle

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



243, 129, 192



251, 136, 114



15, 116, 189



0, 102, 221

Sweetspot

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



243, 129, 192



255, 219, 239



178, 129, 243



128, 106, 118



0, 0, 0



128, 128, 128

Same Dimension

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



243, 129, 192



255, 112, 191



243, 129, 137



122, 110, 117



186, 0, 103



59, 0, 32

Inverse Universe

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



243, 129, 192



255, 112, 191



129, 188, 243



122, 110, 117



186, 0, 103



59, 0, 32

Previews

White Background



This preview shows how the RYB color 243, 129, 192 looks on a white background.

Color Contrast Check

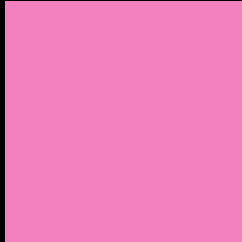
Large Text (above 18pt) WCAG AA × Fail

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 243, 129, 192 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](#).

R Y B 243, 129, 192 Background



This preview shows how black text looks on a background with the R Y B color 243, 129, 192.



This preview shows how white text looks on a background with the R Y B color 243, 129, 192.

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
243, 129, 192

Protanopia
154, 163, 217

Deuteranopia
175, 163, 186



Tritanopia
239, 138, 148

Trichromacy



Original Color

243, 129, 192



Protanomaly

186, 152, 208



Deuteranomaly

200, 151, 188



Tritanomaly

240, 135, 164

Monochromacy



Original Color

243, 129, 192



Achromatopsia

170, 170, 170



Achromatomaly

197, 155, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 243, 129, 192 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(243, 129, 192) looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 192)  
}
```

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(243, 129, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 192) }
```

Border

The CSS property to change the border of an element to RYB 243, 129, 192 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(243, 129, 192) }
```

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

```
.border{ border-color:rgb(243, 129, 192) }
```

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

Here you see how a box with a 4 pixel rgb(243, 129, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 129, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 129, 192);  
box-shadow:4px 4px 4px 4px rgb(243, 129,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 243, 129, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 192) }
```

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

```
.background{ background-color: rgb(243,  
129, 192) }
```

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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