

Converting Colors

`RYB(244, 95, 130)`

Have a look what the booklet for
RYB(244, 95, 130) contains.

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Color

`RYB(244, 95, 130)`

Conversions

Conversions Part 1

Format	Color
Hex	F45F82
RGB	244, 95, 130
RGB Percent	96%, 37%, 51%
CMY	0.0431, 0.6275, 0.4902
CMYK	0.00, 0.61, 0.47, 0.04
HSL	346°, 87%, 66%
HSV	346°, 61%, 96%
XYZ	45.4297, 29.0292, 24.3279
YIQ	143.5410, 77.5690, 42.4730

Conversions

Conversions Part 2

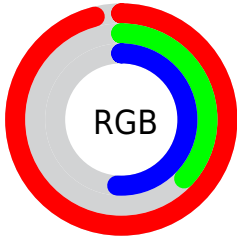
Format	Color
R_{YB}	244, 95, 130
Decimal	16015234
CIE _{Lab}	60.81, 59.87, 11.07
CIE _{LCh}	61, 60.882, 10.472
Yxy	29.0292, 0.4599, 0.2939
Android (android.graphics.Color)	4294205314 (0xFFFF45F82)
YUV	143.5410, -6.6757, 88.1025
Hunter-Lab	53.8788, 56.2204, 10.9439

Details

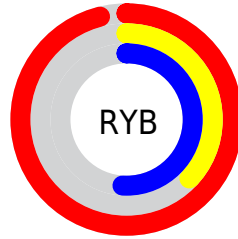
The RYB color **244, 95, 130** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **95, 179, 244**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 151, 183**, and **183, 33, 81** is the 20% darker color. If you saturate the color by 10%, you get **244, 71, 111**, and if you desaturate by 10%, it is **244, 119, 149**.

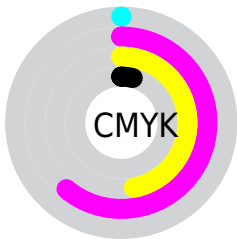
Distribution



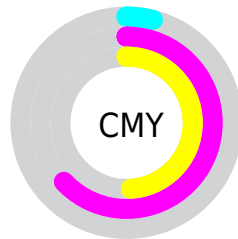
- Red (96%)
- Green (37%)
- Blue (51%)



- Red (96%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (47%)
- Black (4%)

















- Cyan (4%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 95, 130 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 244, 95, 130 by changing the saturation by 10% instead.

 244, 95, 130	 244, 95, 130
255, 255, 255	 213, 66, 105
 255, 151, 183	 183, 33, 81
 255, 180, 210	 153, 0, 58
 255, 209, 239	 123, 0, 37
 255, 238, 255	 94, 0, 16
	 67, 0, 3
	 34, 0, 1
	 0, 0, 0

 244, 95, 130	 244, 95, 130
--	--

■ 244, 71, 111

■ 244, 119, 149

■ 244, 46, 93

■ 244, 144, 167

■ 244, 22, 74

■ 244, 168, 186

■ 244, 0, 57

■ 244, 193, 205

■ 244, 217, 223

■ 244, 241, 242

■ 244, 250, 255

Harmonies

Analogous

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



225, 102, 184



244, 95, 130



234, 116, 79

Triad

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



244, 95, 130



59, 163, 124



0, 98, 248

Complementary

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



244, 95, 130



95, 179, 244

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, 215



244, 95, 130



0, 104, 170

Square

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



244, 95, 130



32, 157, 25



0, 88, 172



68, 123, 253

Rectangle

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



244, 95, 130



215, 183, 51



0, 88, 172



0, 98, 240

Sweetspot

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



244, 95, 130



255, 209, 220



207, 95, 244



128, 99, 106



0, 0, 0



128, 128, 128

Same Dimension

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



244, 95, 130



255, 69, 113



244, 144, 95



122, 110, 113



186, 0, 44



59, 0, 14

Inverse Universe

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



244, 95, 130



255, 69, 113



95, 159, 244



122, 110, 113



186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RYB color 244, 95, 130 looks on a white background.

Color Contrast Check

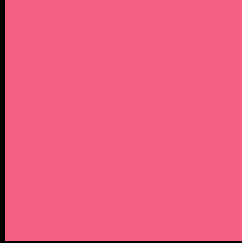
Large Text (above 18pt) WCAG AA ✓ Pass

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 244, 95, 130 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 244, 95, 130 Background



This preview shows how black text looks on a background with the RYB color 244, 95, 130.



This preview shows how white text looks on a background with the RYB color 244, 95, 130.

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](#).

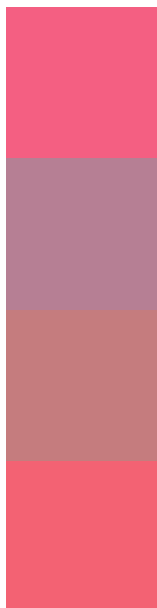
Dichromacy





Tritanopia
242, 100, 106

Trichromacy



Original Color

244, 95, 130

Protanomaly

182, 127, 148

Deuteranomaly

197, 124, 126

Tritanomaly

243, 98, 115

Monochromacy



Original Color

244, 95, 130

Achromatopsia

144, 144, 144

Achromatomaly

180, 126, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 95, 130 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(244, 95, 130) looks like.

```
.text, #text, p{  
    color:rgb(244, 95, 130)  
}
```

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(244, 95, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 95, 130) }
```

Border

The CSS property to change the border of an element to RYB 244, 95, 130 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(244, 95, 130) }
```

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

```
.border{ border-color:rgb(244, 95, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 95, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 95, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 95, 130);  
box-shadow:4px 4px 4px 4px rgb(244, 95,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 244, 95, 130 is called "background".

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

```
.background, #background, body{  
background: rgb(244, 95, 130) }
```

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

```
.background{ background-color: rgb(244, 95,  
130) }
```

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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