

Converting Colors

`RYB(246, 98, 101)`

Have a look what the booklet for
RYB(246, 98, 101) contains.

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Color

`RYB(246, 98, 101)`

Conversions

Conversions Part 1

Format	Color
Hex	F66265
RGB	246, 98, 101
RGB Percent	96%, 38%, 40%
CMY	0.0353, 0.6157, 0.6039
CMYK	0.00, 0.60, 0.59, 0.04
HSL	359°, 89%, 67%
HSV	359°, 60%, 96%
XYZ	44.7227, 29.2678, 15.6040
YIQ	142.5940, 87.2450, 32.3090

Conversions

Conversions Part 2

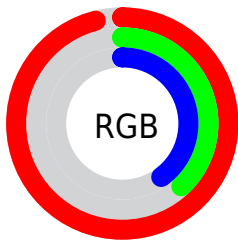
Format	Color
R_{YB}	246, 98, 101
Decimal	16147045
CIE _{Lab}	61.02, 56.92, 28.13
CIE _{LCh}	61, 63.494, 26.294
Yxy	29.2678, 0.4992, 0.3267
Android (android.graphics.Color)	4294337125 (0xFFFF66265)
YUV	142.5940, -20.5058, 90.6871
Hunter-Lab	54.0997, 52.8864, 20.7687

Details

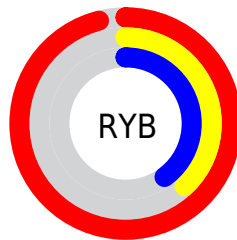
The RYB color **246, 98, 101** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **98, 173, 246**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 154, 152**, and **184, 39, 54** is the 20% darker color. If you saturate the color by 10%, you get **246, 73, 77**, and if you desaturate by 10%, it is **246, 123, 125**.

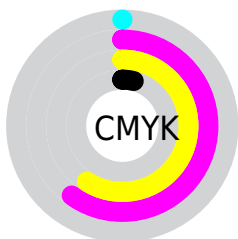
Distribution



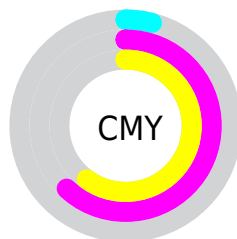
- Red (96%)
- Green (38%)
- Blue (40%)



- Red (96%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (4%)


















- Cyan (4%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 98, 101 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 246, 98, 101 by changing the saturation by 10% instead.

 246, 98, 101	 246, 98, 101
 255, 255, 255	 215, 70, 77
 255, 154, 152	 184, 39, 54
 255, 182, 179	 153, 0, 33
 255, 212, 206	 123, 0, 12
 255, 242, 234	 93, 0, 0
	 65, 0, 2
	 32, 0, 1
	 0, 0, 0

 246, 98, 101	 246, 98, 101
--	--

■ 246, 73, 77

■ 246, 123, 125

■ 246, 49, 53

■ 246, 147, 149

■ 246, 24, 29

■ 246, 172, 173

■ 246, 0, 5

■ 246, 196, 197

■ 246, 221, 222

■ 246, 246, 246

■ 246, 251, 255

Harmonies

Analogous

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



243, 93, 157



246, 98, 101



223, 165, 52

Triad

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



246, 98, 101



42, 138, 168



0, 97, 255

Complementary

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



246, 98, 101



98, 173, 246

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, 99, 240



246, 98, 101



0, 96, 173

Square

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



246, 98, 101



33, 159, 65



0, 92, 195



134, 135, 248

Rectangle

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



246, 98, 101



122, 197, 25



0, 92, 195



0, 99, 255

Sweetspot

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



246, 98, 101



255, 209, 210



241, 98, 246



128, 99, 100



0, 0, 0



128, 128, 128

Same Dimension

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



246, 98, 101



255, 71, 75



246, 227, 98



122, 110, 110



186, 0, 4



59, 0, 1

Inverse Universe

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



246, 98, 101



255, 71, 75



98, 150, 246



122, 110, 110



186, 0, 4



59, 0, 1

Previews

White Background



This preview shows how the RYB color 246, 98, 101 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 246, 98, 101 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](#).

R Y B 246, 98, 101 Background



This preview shows how black text looks on a background with the RYB color 246, 98, 101.

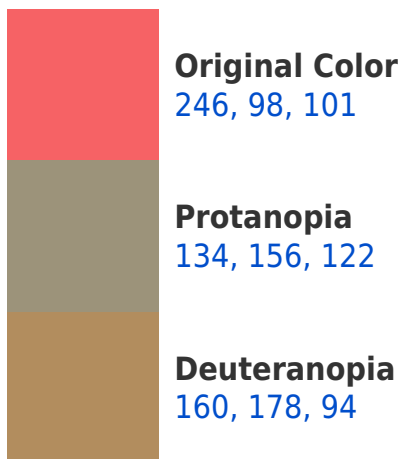


This preview shows how white text looks on a background with the RYB color 246, 98, 101.

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
246, 98, 104

Trichromacy



Original Color
246, 98, 101

Protanomaly
189, 133, 114

Deuteranomaly
203, 135, 97

Tritanomaly
246, 98, 103

Monochromacy



Original Color
246, 98, 101

Achromatopsia
143, 143, 143

Achromatomaly
180, 127, 128

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 98, 101 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(246, 98, 101)` looks like.

```
.text, #text, p{  
    color:rgb(246, 98, 101)  
}
```

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(246, 98, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 98, 101) }
```

Border

The CSS property to change the border of an element to RYB 246, 98, 101 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(246, 98, 101) }
```

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

```
.border{ border-color:rgb(246, 98, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 98, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 98, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 98, 101);  
box-shadow:4px 4px 4px 4px rgb(246, 98,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 246, 98, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 98, 101) }
```

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

```
.background{ background-color: rgb(246, 98,  
101) }
```

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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