

Converting Colors

`RYB(249, 97, 140)`

Have a look what the booklet for
RYB(249, 97, 140) contains.

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Color

R_YB(249, 97, 140)

Conversions

Conversions Part 1

Format	Color
Hex	F9618C
RGB	249, 97, 140
RGB Percent	98%, 38%, 55%
CMY	0.0235, 0.6196, 0.4510
CMYK	0.00, 0.61, 0.44, 0.02
HSL	343°, 93%, 68%
HSV	343°, 61%, 98%
XYZ	48.0752, 30.5826, 28.1801
YIQ	147.3500, 76.7890, 45.5970

Conversions

Conversions Part 2

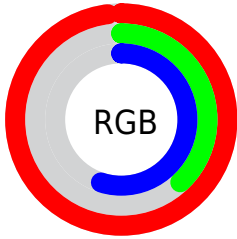
Format	Color
R_{YB}	249, 97, 140
Decimal	16343436
CIE _{Lab}	62.15, 61.51, 7.29
CIE _{LCh}	62, 61.942, 6.761
Yxy	30.5826, 0.4500, 0.2863
Android (android.graphics.Color)	4294533516 (0xFFFF9618C)
YUV	147.3500, -3.6235, 89.1471
Hunter-Lab	55.3015, 58.3977, 8.4985

Details

The RYB color **249, 97, 140** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **97, 186, 249**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 154, 193**, and **188, 35, 90** is the 20% darker color. If you saturate the color by 10%, you get **249, 72, 122**, and if you desaturate by 10%, it is **249, 122, 158**.

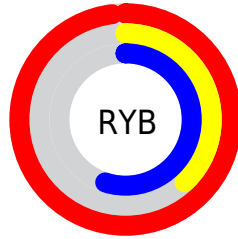
Distribution



Red (98%)

Green (38%)

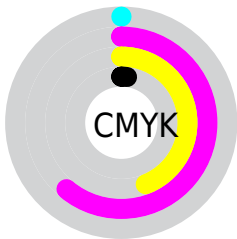
Blue (55%)



Red (98%)

Yellow (38%)

Blue (55%)

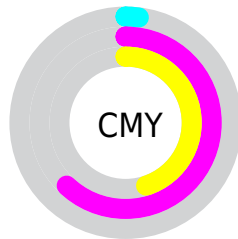


Cyan (0%)

Magenta (61%)

Yellow (44%)

Black (2%)



Cyan (2%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 97, 140 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 249, 97, 140 by changing the saturation by 10% instead.



249, 97, 140



249, 97, 140

255, 255, 255



218, 68, 115



255, 154, 193



188, 35, 90



255, 182, 221



158, 0, 67



255, 212, 250



128, 0, 45



255, 241, 255



99, 0, 25



71, 0, 2



41, 0, 1



0, 0, 0



249, 97, 140



249, 97, 140

■ 249, 72, 122

■ 249, 122, 158

■ 249, 47, 104

■ 249, 147, 176

■ 249, 22, 86

■ 249, 172, 194

■ 249, 0, 70

■ 249, 197, 211

■ 249, 221, 229

■ 249, 246, 247

■ 249, 252, 255

Harmonies

Analogous

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



226, 107, 195



249, 97, 140



242, 113, 87

Triad

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



249, 97, 140



55, 165, 111



0, 100, 251

Complementary

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



249, 97, 140



97, 186, 249

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, 215



249, 97, 140



0, 108, 173

Square

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



249, 97, 140



41, 167, 24



0, 92, 176



40, 114, 255

Rectangle

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



249, 97, 140



224, 169, 57



0, 92, 176



0, 100, 241

Sweetspot

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



249, 97, 140



255, 209, 222



206, 97, 249



128, 99, 107



0, 0, 0



128, 128, 128

Same Dimension

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



249, 97, 140



255, 69, 122



249, 139, 97



125, 112, 116



189, 0, 53



61, 0, 17

Inverse Universe

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



249, 97, 140



255, 69, 122



97, 164, 249



125, 112, 116



189, 0, 53



61, 0, 17

Previews

White Background



This preview shows how the RYB color 249, 97, 140 looks on a white background.

Color Contrast Check

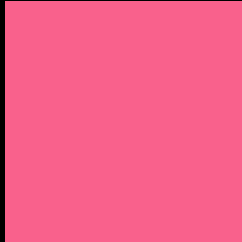
Large Text (above 18pt) WCAG AA × Fail

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 249, 97, 140 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 249, 97, 140 Background



This preview shows how black text looks on a background with the RYB color 249, 97, 140.



This preview shows how white text looks on a background with the RYB color 249, 97, 140.

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
249, 97, 140

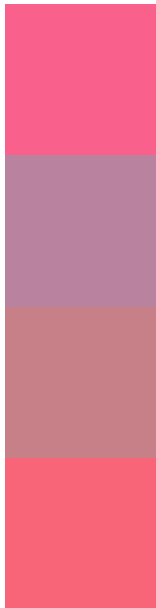
Protanopia
148, 149, 170

Deuteranopia
172, 150, 133



Tritanopia
247, 103, 110

Trichromacy



Original Color
249, 97, 140

Protanomaly
185, 130, 159

Deuteranomaly
200, 128, 136

Tritanomaly
248, 101, 121

Monochromacy



Original Color
249, 97, 140

Achromatopsia
147, 147, 147

Achromatomaly
184, 129, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 97, 140 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(249, 97, 140) looks like.

```
.text, #text, p{  
    color:rgb(249, 97, 140)  
}
```

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(249, 97, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 97, 140) }
```

Border

The CSS property to change the border of an element to RYB 249, 97, 140 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(249, 97, 140) }
```

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

```
.border{ border-color:rgb(249, 97, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 97, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 97, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 97, 140);  
box-shadow:4px 4px 4px 4px rgb(249, 97,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 249, 97, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 97, 140) }
```

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

```
.background{ background-color: rgb(249, 97,  
140) }
```

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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