

Converting Colors

`RYB(253, 147, 141)`

Have a look what the booklet for
RYB(253, 147, 141) contains.

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Color

R_YB(253, 147, 141)

Conversions

Conversions Part 1

Format	Color
Hex	FD938D
RGB	253, 147, 141
RGB Percent	99%, 58%, 55%
CMY	0.0078, 0.4247, 0.4471
CMYK	0.00, 0.42, 0.44, 0.01
HSL	3°, 97%, 77%
HSV	3°, 44%, 99%
XYZ	55.7021, 43.5784, 30.6750
YIQ	178.0100, 65.1020, 20.6060

Conversions

Conversions Part 2

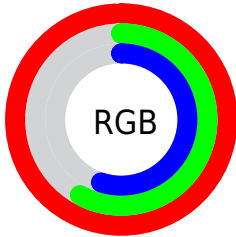
Format	Color
RYB	253, 147, 141
Decimal	16618381
CIELab	71.95, 39.35, 20.52
CIElCh	72, 44.375, 27.544
Yxy	43.5784, 0.4286, 0.3353
Android (android.graphics.Color)	4294808461 (0xFFFD938D)
YUV	178.0100, -18.2459, 65.7662
Hunter-Lab	66.0139, 35.0925, 18.6592

Details

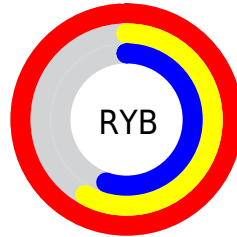
The RYB color **253, 147, 141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **141, 195, 253**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 203, 195**, and **193, 94, 91** is the 20% darker color. If you saturate the color by 10%, you get **253, 123, 116**, and if you desaturate by 10%, it is **253, 171, 166**.

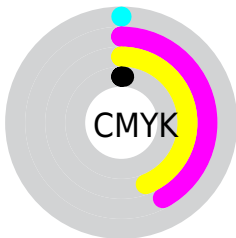
Distribution



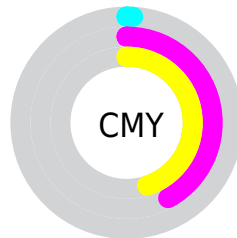
- Red (99%)
- Green (58%)
- Blue (55%)



- Red (99%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (44%)
- Black (1%)




- Cyan (1%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 147, 141 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 253, 147, 141 by changing the saturation by 10% instead.

 253, 147, 141

 253, 147, 141

255, 255, 255

 223, 120, 115

 255, 203, 195

 193, 94, 91

 255, 234, 223

 164, 68, 67

 251, 255, 251

 135, 43, 45

 107, 15, 24

 79, 0, 0

 53, 0, 1

 12, 0, 0

 0, 0, 0

■ 253, 147, 141

■ 253, 147, 141

■ 253, 123, 116

■ 253, 171, 166

■ 253, 100, 90

■ 253, 195, 192

■ 253, 76, 65

■ 253, 219, 217

■ 253, 52, 40

■ 253, 243, 242

■ 253, 28, 15

253, 254, 255

■ 253, 14, 0

Harmonies

Analogous

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



250, 144, 181



253, 147, 141



236, 189, 109

Triad

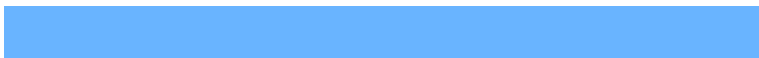
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 147, 141



115, 180, 193



105, 155, 255

Complementary

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



253, 147, 141



141, 195, 253

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, 107, 244



253, 147, 141



45, 128, 197

Square

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



253, 147, 141



103, 185, 124



0, 102, 212



175, 167, 248

Rectangle

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



253, 147, 141



180, 217, 97



0, 102, 212



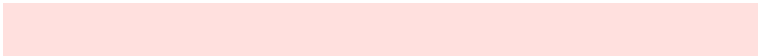
75, 143, 255

Sweetspot

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



253, 147, 141



255, 224, 222



253, 141, 247



128, 108, 107



0, 0, 0



128, 128, 128

Same Dimension

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



253, 147, 141



255, 127, 120



231, 253, 141



128, 115, 115



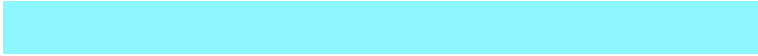
191, 11, 0



64, 3, 0

Inverse Universe

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



141, 195, 253



120, 186, 255



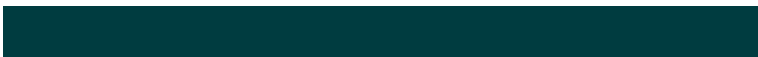
141, 176, 253



115, 121, 128



0, 93, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 253, 147, 141 looks on a white background.

Color Contrast Check

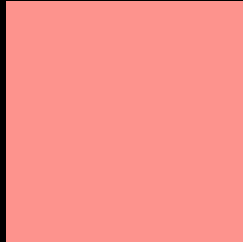
Large Text (above 18pt) WCAG AA × Fail

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 253, 147, 141 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 253, 147, 141 Background



This preview shows how black text looks on a background with the RYB color 253, 147, 141.

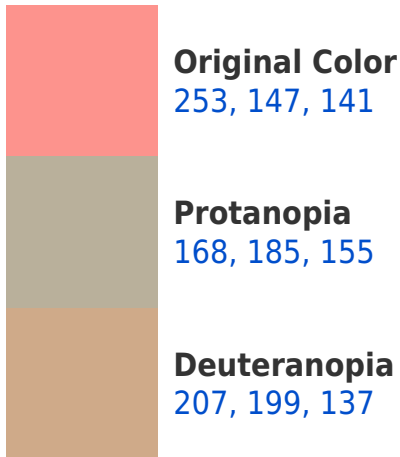



This preview shows how white text looks on a background with the RYB color 253, 147, 141.

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





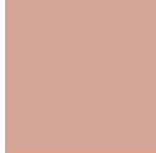
Tritanopia
254, 145, 155

Trichromacy



Original Color

253, 147, 141



Protanomaly

210, 170, 150



Deuteranomaly

224, 171, 138



Tritanomaly

254, 146, 150

Monochromacy



Original Color

253, 147, 141



Achromatopsia

178, 178, 178



Achromatomaly

205, 167, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 147, 141 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(253, 147, 141) looks like.

```
.text, #text, p{  
    color:rgb(253, 147, 141)  
}
```

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(253, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 147, 141) }
```

Border

The CSS property to change the border of an element to RYB 253, 147, 141 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(253, 147, 141) }
```

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

```
.border{ border-color:rgb(253, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(253, 147,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 253, 147, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 147, 141) }
```

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

```
.background{ background-color: rgb(253,  
147, 141) }
```

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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