

Converting Colors

`RYB(253, 138, 148)`

Have a look what the booklet for
RYB(253, 138, 148) contains.

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Color

R_YB(253, 138, 148)

Conversions

Conversions Part 1

Format	Color
Hex	FD8A94
RGB	253, 138, 148
RGB Percent	99%, 54%, 58%
CMY	0.0078, 0.4588, 0.4196
CMYK	0.00, 0.45, 0.42, 0.01
HSL	355°, 97%, 77%
HSV	355°, 45%, 99%
XYZ	54.9418, 41.1977, 33.0732
YIQ	173.5250, 65.3300, 27.4900

Conversions

Conversions Part 2

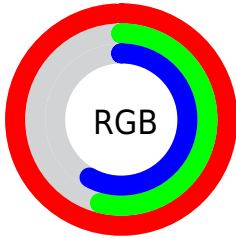
Format	Color
R_{YB}	253, 138, 148
Decimal	16616084
CIE _{Lab}	70.31, 44.47, 14.38
CIE _{LCh}	70, 46.731, 17.916
Yxy	41.1977, 0.4252, 0.3188
Android (android.graphics.Color)	4294806164 (0xFFFD8A94)
YUV	173.5250, -12.5838, 69.6996
Hunter-Lab	64.1855, 40.4688, 14.3791

Details

The RYB color **253, 138, 148** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **138, 198, 253**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 193, 202**, and **193, 85, 98** is the 20% darker color. If you saturate the color by 10%, you get **253, 113, 125**, and if you desaturate by 10%, it is **253, 163, 171**.

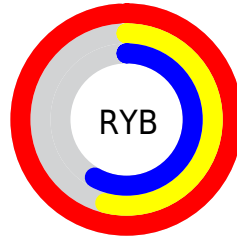
Distribution



Red (99%)

Green (54%)

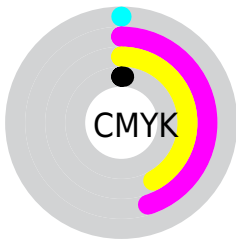
Blue (58%)



Red (99%)

Yellow (54%)

Blue (58%)

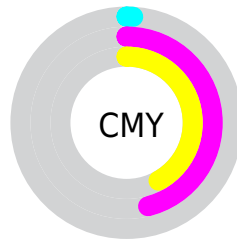


Cyan (0%)

Magenta (45%)

Yellow (42%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 138, 148 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, 138, 148 by changing the saturation by 10% instead.

 253, 138, 148

 253, 138, 148

255, 255, 255

 223, 111, 122

 255, 193, 202

 193, 85, 98

 255, 222, 230

 164, 59, 74

 255, 251, 255

 135, 31, 51

 106, 0, 30

 79, 0, 6

 54, 0, 2

 7, 0, 0

 0, 0, 0

■ 253, 138, 148

■ 253, 138, 148

■ 253, 113, 125

■ 253, 163, 171

■ 253, 87, 102

■ 253, 189, 194

■ 253, 62, 79

■ 253, 214, 217

■ 253, 37, 56

■ 253, 239, 240

■ 253, 11, 32

253, 254, 255

■ 253, 0, 22

Harmonies

Analogous

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



243, 139, 191



253, 138, 148



241, 163, 111

Triad

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



253, 138, 148



113, 187, 176



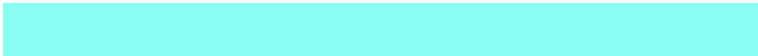
55, 132, 254

Complementary

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



253, 138, 148



138, 198, 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, 105, 234



253, 138, 148



57, 137, 193

Square

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



253, 138, 148



89, 177, 93



0, 98, 197



149, 164, 253

Rectangle

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



253, 138, 148



224, 222, 93



0, 98, 197



0, 106, 250

Sweetspot

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



253, 138, 148



255, 219, 222



242, 138, 253



128, 106, 108



0, 0, 0



128, 128, 128

Same Dimension

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



253, 138, 148



255, 115, 127



253, 215, 138



128, 115, 116



191, 0, 17



64, 0, 6

Inverse Universe

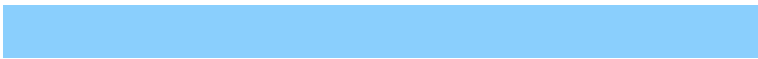
The Inverse Universe completely reimagines the original color for something new.



253, 138, 148



255, 115, 127



138, 181, 253



128, 115, 116



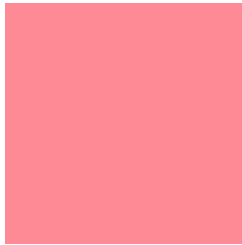
191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RYB color 253, 138, 148 looks on a white background.

Color Contrast Check

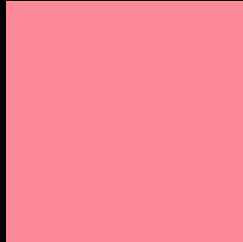
Large Text (above 18pt) WCAG AA × Fail

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, 138, 148 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, 138, 148 Background



This preview shows how black text looks on a background with the RYB color 253, 138, 148.



This preview shows how white text looks on a background with the RYB color 253, 138, 148.

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
253, 138, 148

Protanopia
175, 177, 166

Deuteranopia
199, 182, 143



Tritanopia
253, 138, 148

Trichromacy



Original Color

253, 138, 148



Protanomaly

205, 160, 159



Deuteranomaly

219, 158, 145



Tritanomaly

253, 138, 148

Monochromacy



Original Color

253, 138, 148



Achromatopsia

174, 174, 174



Achromatomaly

203, 161, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 138, 148 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, 138, 148) looks like.

```
.text, #text, p{  
    color:rgb(253, 138, 148)  
}
```

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, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 138, 148) }
```

Border

The CSS property to change the border of an element to RYB 253, 138, 148 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, 138, 148) }
```

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

```
.border{ border-color:rgb(253, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(253, 138,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 253, 138, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 138, 148) }
```

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

```
.background{ background-color: rgb(253,  
138, 148) }
```

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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