

Converting Colors

RGB(255, 158, 175)

Have a look what the booklet for
RGB(255, 158, 175) contains.

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Color

RGB(255, 158, 175)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EAF
RGB	255, 158, 175
RGB Percent	100%, 62%, 69%
CMY	0.0000, 0.3804, 0.3137
CMYK	0.00, 0.38, 0.31, 0.00
HSL	349°, 100%, 81%
HSV	349°, 38%, 100%
XYZ	61.2047, 48.8089, 46.7527
YIQ	188.9410, 52.3550, 25.8510

Conversions

Conversions Part 2

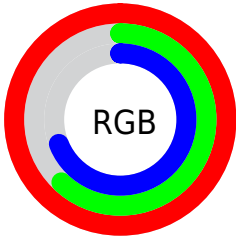
Format	Color
R_{YB}	255, 158, 175
Decimal	16752303
CIE _{Lab}	75.33, 38.10, 6.58
CIE _{LCh}	75, 38.661, 9.806
Yxy	48.8089, 0.3904, 0.3113
Android (android.graphics.Color)	4294942383 (0xFFFF9EAF)
YUV	188.9410, -6.8729, 57.9337
Hunter-Lab	69.8633, 34.1165, 9.2274

Details

The RGB color **255, 158, 175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **158, 255, 238**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 214, 230**, and **196, 105, 123** is the 20% darker color. If you saturate the color by 10%, you get **255, 132, 154**, and if you desaturate by 10%, it is **255, 184, 196**.

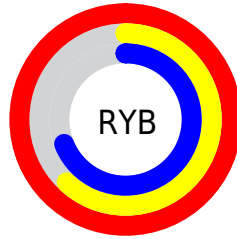
Distribution



Red (100%)

Green (62%)

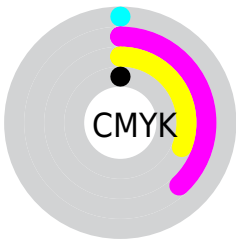
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

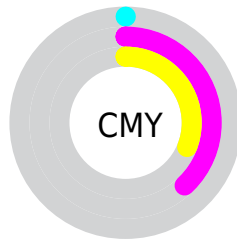


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 158, 175 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 RGB color 255, 158, 175 by changing the saturation by 10% instead.


 255, 158, 175

 255, 158, 175

255, 255, 255

 225, 131, 148

 255, 214, 230

 196, 105, 123

 255, 243, 255

 167, 79, 98

 139, 54, 74

 112, 28, 52

 85, 0, 31

 59, 0, 5

 32, 0, 1

 0, 0, 0

■ 255, 158, 175

■ 255, 158, 175

■ 255, 132, 154

■ 255, 184, 196

■ 255, 107, 133

■ 255, 209, 217

■ 255, 82, 112

■ 255, 235, 238

■ 255, 56, 91

255, 255, 255

■ 255, 31, 70

■ 255, 5, 49

■ 255, 0, 45

Harmonies

Analogous

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



240, 161, 211



255, 158, 175



251, 164, 142

Triad

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



255, 158, 175



159, 197, 130



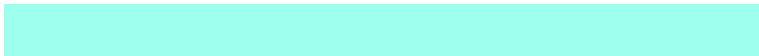
94, 196, 252

Complementary

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



255, 158, 175



158, 255, 238

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.



46, 203, 230



255, 158, 175



115, 203, 160

Square

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



255, 158, 175



198, 187, 114



68, 205, 196



154, 185, 255

Rectangle

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



255, 158, 175



238, 171, 125



68, 205, 196



74, 199, 246

Sweetspot

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



255, 158, 175



255, 227, 232



237, 158, 255



128, 111, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 158, 175



255, 138, 158



255, 189, 158



128, 115, 117



191, 0, 34



64, 0, 11

Inverse Universe

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



255, 158, 175



255, 138, 158



158, 224, 255



128, 115, 117



191, 0, 34



64, 0, 11

Previews

White Background



This preview shows how the RGB color 255, 158, 175 looks on a white background.

Color Contrast Check

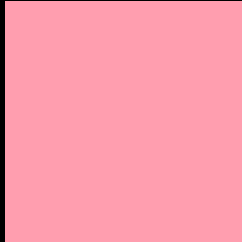
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 158, 175 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](#).

RGB 255, 158, 175 Background



This preview shows how black text looks on a background with the RGB color 255, 158, 175.

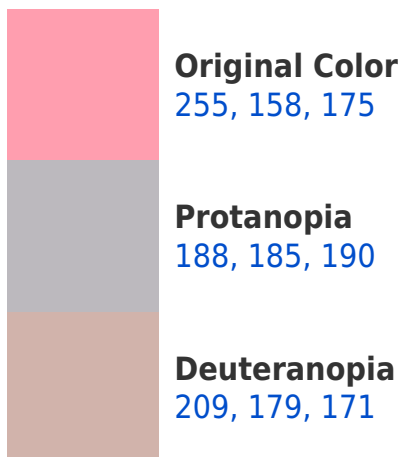



This preview shows how white text looks on a background with the RGB color 255, 158, 175.

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
255, 159, 171

Trichromacy



Original Color

255, 158, 175



Protanomaly

212, 175, 185



Deuteranomaly

226, 171, 172



Tritanomaly

255, 159, 172

Monochromacy



Original Color

255, 158, 175



Achromatopsia

189, 189, 189



Achromatomaly

213, 178, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 158, 175 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(255, 158, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 175)  
}
```

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(255, 158, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 175) }
```

Border

The CSS property to change the border of an element to RGB 255, 158, 175 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(255, 158, 175) }
```

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

```
.border{ border-color:rgb(255, 158, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 255, 158, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 175) }
```

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

```
.background{ background-color: rgb(255,  
158, 175) }
```

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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