

Converting Colors

RGB(158, 173, 158)

Have a look what the booklet for
RGB(158, 173, 158) contains.

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Color

RGB(158, 173, 158)

Conversions

Conversions Part 1

Format	Color
Hex	9EAD9E
RGB	158, 173, 158
RGB Percent	62%, 68%, 62%
CMY	0.3804, 0.3216, 0.3804
CMYK	0.09, 0.00, 0.09, 0.32
HSL	120°, 8%, 65%
HSV	120°, 9%, 68%
XYZ	35.2157, 39.6249, 38.1401
YIQ	166.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

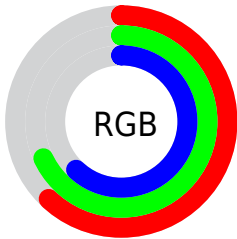
Format	Color
RYB	158, 173, 173
Decimal	10399134
CIELab	69.20, -8.13, 5.91
CIElCh	69, 10.055, 143.965
Yxy	39.6249, 0.3117, 0.3507
Android (android.graphics.Color)	4288589214 (0xFF9EAD9E)
YUV	166.8050, -4.3409, -7.7220
Hunter-Lab	62.9483, -10.2998, 8.1403

Details

The RGB color **158, 173, 158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 158, 173**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **213, 228, 213**, and **107, 121, 107** is the 20% darker color. If you saturate the color by 10%, you get **141, 173, 141**, and if you desaturate by 10%, it is **175, 173, 175**.

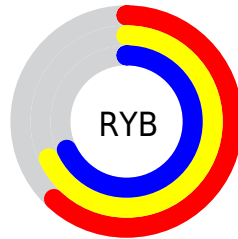
Distribution



Red (62%)

Green (68%)

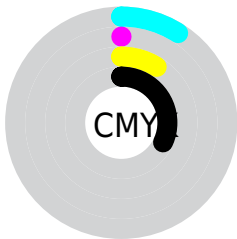
Blue (62%)



Red (62%)

Yellow (68%)

Blue (68%)

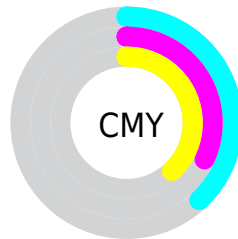


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 173, 158 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 158, 173, 158 by changing the saturation by 10% instead.


 158, 173, 158

255, 255, 255

 213, 228, 213

 241, 255, 241

 158, 173, 158

 132, 146, 132

 107, 121, 107

 82, 96, 83

 59, 72, 59

 37, 50, 38

 17, 29, 17

 0, 0, 0

 158, 173, 158


 141, 173, 141


 158, 173, 158

 175, 173, 175

 123, 173, 123


 193, 173, 193

 106, 173, 106

 210, 173, 210

 89, 173, 89


 227, 173, 227


 72, 173, 72


 245, 173, 245

 54, 173, 54

 255, 173, 255

 37, 173, 37

 20, 173, 20

 2, 173, 2

Harmonies

Analogous

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



168, 171, 152



158, 173, 158



150, 174, 167

Triad

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



158, 173, 158



157, 170, 187



189, 163, 162

Complementary

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



158, 173, 158



173, 158, 173

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.



187, 163, 171



158, 173, 158



169, 167, 185

Square

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



158, 173, 158



149, 173, 183



179, 165, 180



186, 165, 155

Rectangle

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



158, 173, 158



147, 174, 173



179, 165, 180



189, 163, 165

Sweetspot

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



158, 173, 158



218, 224, 218



173, 173, 158



108, 112, 108



240, 240, 240



112, 112, 112

Same Dimension

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



158, 173, 158



202, 224, 202



158, 173, 166



78, 87, 78



0, 150, 0



0, 23, 0

Inverse Universe

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



173, 158, 173



224, 202, 224



173, 158, 166



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RGB color 158, 173, 158 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 158, 173, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

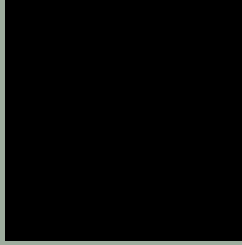
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

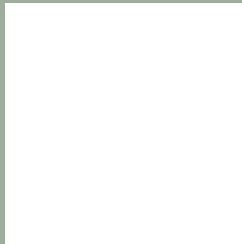
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 158, 173, 158 Background



This preview shows how black text looks on a background with the RGB color 158, 173, 158.



This preview shows how white text looks on a background with the RGB color 158, 173, 158.

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
158, 173, 158

Protanopia
175, 168, 155

Deuteranopia
188, 163, 160



Tritanopia
162, 169, 183

Trichromacy



Original Color

158, 173, 158

Protanomaly

169, 170, 156

Deuteranomaly

177, 167, 159

Tritanomaly

161, 170, 174

Monochromacy



Original Color

158, 173, 158

Achromatopsia

167, 167, 167

Achromatomaly

164, 169, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 173, 158 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(158, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 158)  
}
```

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(158, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 158) }
```

Border

The CSS property to change the border of an element to RGB 158, 173, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

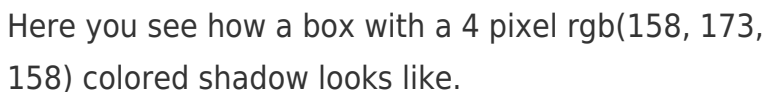
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 173, 158) }
```

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

```
.border{ border-color:rgb(158, 173, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 173, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 173, 158); box-shadow:4px 4px 4px 4px rgb(158, 173, 158) }
```

Background

The CSS property to change the background color of an element to RGB 158, 173, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 158) }
```

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

```
.background{ background-color: rgb(158,  
173, 158) }
```

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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