

Converting Colors

RGB(158, 173, 122)

Have a look what the booklet for
RGB(158, 173, 122) contains.

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Color

RGB(158, 173, 122)

Conversions

Conversions Part 1

Format	Color
Hex	9EAD7A
RGB	158, 173, 122
RGB Percent	62%, 68%, 48%
CMY	0.3804, 0.3216, 0.5216
CMYK	0.09, 0.00, 0.29, 0.32
HSL	78°, 24%, 58%
HSV	78°, 29%, 68%
XYZ	32.5570, 38.5614, 24.1395
YIQ	162.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

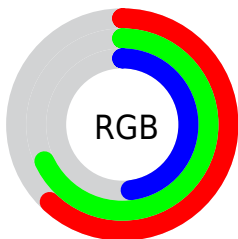
Format	Color
RYB	122, 173, 137
Decimal	10399098
CIELab	68.43, -14.09, 24.53
CIELCh	68, 28.286, 119.878
Yxy	38.5614, 0.3418, 0.4048
Android (android.graphics.Color)	4288589178 (0xFF9EAD7A)
YUV	162.7010, -20.0656, -4.1228
Hunter-Lab	62.0978, -15.0862, 20.4204

Details

The RGB color **158, 173, 122** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **137, 122, 173**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **213, 228, 175**, and **106, 121, 73** is the 20% darker color. If you saturate the color by 10%, you get **153, 173, 105**, and if you desaturate by 10%, it is **163, 173, 139**.

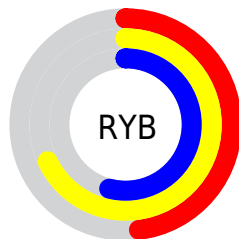
Distribution



Red (62%)

Green (68%)

Blue (48%)



Red (48%)

Yellow (68%)

Blue (54%)

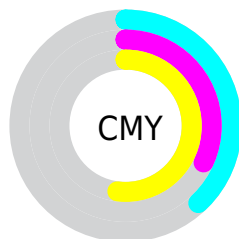


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 173, 122 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, 122 by changing the saturation by 10% instead.


 158, 173, 122

255, 255, 255

 213, 228, 175


 242, 255, 202

 255, 255, 231

 158, 173, 122


 132, 146, 97

 106, 121, 73

 81, 96, 50

 58, 72, 27

 35, 50, 3

 11, 29, 0


 0, 0, 0

 158, 173, 122


 153, 173, 105


 158, 173, 122


 163, 173, 139

 148, 173, 87


 168, 173, 157

 143, 173, 70

 173, 173, 174

 138, 173, 53

 178, 173, 191

 133, 173, 36

 183, 173, 209

 127, 173, 18

 189, 173, 226

 122, 173, 1

 194, 173, 243

 122, 173, 0

 199, 173, 255

 204, 173, 255

Harmonies

Analogous

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



185, 165, 116



158, 173, 122



128, 178, 140

Triad

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



158, 173, 122



100, 176, 210



216, 148, 168

Complementary

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



158, 173, 122



137, 122, 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.



199, 152, 193



158, 173, 122



134, 169, 218

Square

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



158, 173, 122



87, 180, 191



170, 160, 211



217, 150, 143

Rectangle

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



158, 173, 122



109, 181, 157



170, 160, 211



212, 149, 177

Sweetspot

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



158, 173, 122



218, 224, 204



173, 136, 122



109, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

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



158, 173, 122



201, 224, 146



133, 173, 122



84, 87, 78



106, 150, 0



16, 23, 0

Inverse Universe

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



137, 122, 173



169, 146, 224



162, 122, 173



81, 78, 87



44, 0, 150



7, 0, 23

Previews

White Background



This preview shows how the RGB color 158, 173, 122 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, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

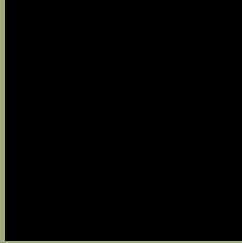
Any Text WCAG AA ✓ Pass

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, 122 Background



This preview shows how black text looks on a background with the RGB color 158, 173, 122.



This preview shows how white text looks on a background with the RGB color 158, 173, 122.

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, 122

Protanopia
179, 166, 119

Deuteranopia
196, 160, 125



Tritanopia
166, 166, 179

Trichromacy



Original Color
158, 173, 122

Protanomaly
171, 169, 120

Deuteranomaly
182, 165, 124

Tritanomaly
163, 169, 158

Monochromacy



Original Color
158, 173, 122

Achromatopsia
163, 163, 163

Achromatomaly
161, 167, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 173, 122 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 122) }
```

Border

The CSS property to change the border of an element to RGB 158, 173, 122 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, 122) }
```

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

```
.border{ border-color:rgb(158, 173, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 158, 173, 122 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, 122) }
```

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

```
.background{ background-color: rgb(158,  
173, 122) }
```

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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