Converting Colors

RGB(159, 190, 128)

Have a look what the booklet for RGB(159, 190, 128) contains.

Color

RGB(159, 190, 128)

Conversions

Conversions Part 1

Format	Color
Hex	9FBE80
RGB	159, 190, 128
RGB Percent	62%, 75%, 50%
CMY	0.3765, 0.2549, 0.4980
CMYK	0.16, 0.00, 0.33, 0.25
HSL	90°, 32%, 62%
HSV	90°, 33%, 75%
XYZ	36.6078, 45.7564, 27.3245
YIQ	173.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

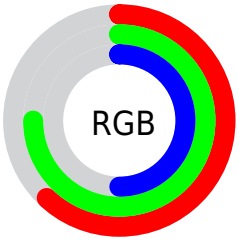
Format	Color
RYB	128, 190, 159
Decimal	10468992
CIELab	73.39, -21.50, 27.96
CIELCh	73, 35.274, 127.557
Yxy	45.7564, 0.3337, 0.4171
Android (android.graphics.Color)	4288659072 (0xFF9FBE80)
YUV	173.6630, -22.5119, -12.8595
Hunter-Lab	67.6434, -21.7740, 23.4003

Details

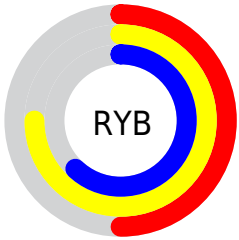
The RGB color 159, 190, 128 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 159, 128, 190, and the grayscale version is 174, 174, 174.

A 20% lighter version of the original color is 214, 246, 181, and 107, 137, 78 is the 20% darker color. If you saturate the color by 10%, you get 150, 190, 109, and if you desaturate by 10%, it is 169, 190, 147.

Distribution

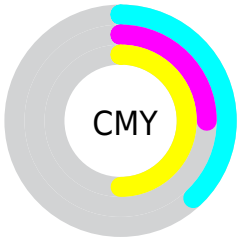


- Red (62%)
- Green (75%)
- Blue (50%)



- Red (50%)
- Yellow (75%)
- Blue (62%)

- Cyan (16%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 190, 128 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 159, 190, 128 by changing the saturation by 10% instead.

159, 190, 128

255, 255, 255

214, 246, 181

243, 255, 209

255, 255, 237

159, 190, 128

132, 163, 103

107, 137, 78

82, 111, 54

57, 87, 32

34, 63, 8

12, 41, 0

0, 20, 0

0, 0, 0

159, 190, 128

159, 190, 128

150, 190, 109

140, 190, 90

131, 190, 71

121, 190, 52

111, 190, 33

102, 190, 14

95, 190, 0

169, 190, 147

178, 190, 166

187, 190, 185

197, 190, 204

207, 190, 223

216, 190, 242

226, 190, 255

235, 190, 255

244, 190, 255

Harmonies

Analogous

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

194, 181, 116

159, 190, 128

120, 196, 155

Triad

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

159, 190, 128

98, 190, 239

243, 156, 173

Complementary

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

159, 190, 128

159, 128, 190

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.

228, 159, 206

159, 190, 128

149, 181, 244

Square

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

159, 190, 128

65, 196, 219

195, 169, 232

241, 160, 142

Rectangle

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

159, 190, 128

94, 198, 176

195, 169, 232

240, 156, 184

Sweetspot

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

159, 190, 128

235, 247, 223

190, 159, 128

117, 125, 110

252, 252, 252

125, 125, 125

Same Dimension

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

159, 190, 128

199, 247, 151

128, 190, 128

90, 94, 85

79, 158, 0

15, 31, 0

Inverse Universe

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

159, 128, 190

199, 151, 247

190, 128, 190

90, 85, 94

79, 0, 158

15, 0, 31

Previews

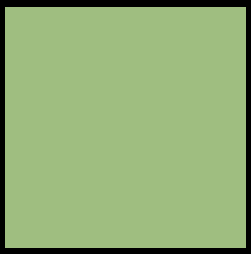
White Background

This preview shows how the RGB color 159, 190, 128 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



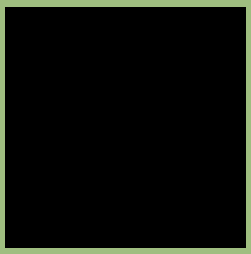
This preview shows how the RGB color 159, 190, 128 looks on a black background.

Color Contrast Check

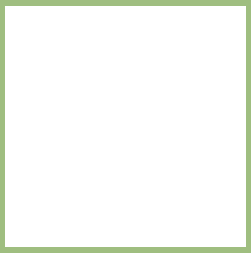
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 159, 190, 128 Background



This preview shows how black text looks on a background with the RGB color 159, 190, 128.

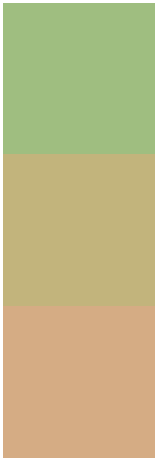


This preview shows how white text looks on a background with the RGB color 159, 190, 128.

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



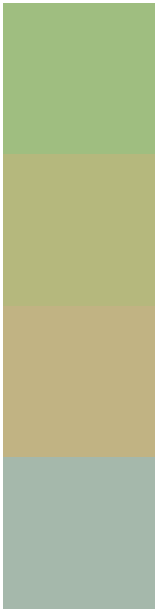
Original Color
159, 190, 128

Protanopia
194, 180, 124

Deuteranopia
213, 172, 132

Tritanopia
169, 181, 196

Trichromacy



Original Color
159, 190, 128

Protanomaly
181, 184, 125

Deuteranomaly
193, 179, 131

Tritanomaly
165, 184, 171

Monochromacy

Original Color
159, 190, 128

Achromatopsia
174, 174, 174

Achromatomaly
169, 180, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 190, 128 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(159, 190, 128) looks like.

```
.text, #text, p{
    color:rgb(159, 190, 128)
}
```

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(159, 190, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 128) }
```

Border

The CSS property to change the border of an element to RGB 159, 190, 128 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(159, 190, 128) }
```

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

```
.border{ border-color:rgb(159, 190, 128) }
```

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

Here you see how a box with a 4 pixel rgb(159, 190, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 190, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 190, 128); box-shadow:4px 4px 4px 4px rgb(159, 190, 128) }
```

Background

The CSS property to change the background color of an element to RGB 159, 190, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 190, 128) }
```

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

```
.background{ background-color:rgb(159,
190, 128) }
```

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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