Converting Colors

RGB(128, 174, 153)

Have a look what the booklet for RGB(128, 174, 153) contains.

Color

RGB(128, 174, 153)

Conversions

Conversions Part 1

Format	Color
Hex	80AE99
RGB	128, 174, 153
RGB Percent	50%, 68%, 60%
CMY	0.4980, 0.3176, 0.4000
CMYK	0.26, 0.00, 0.12, 0.32
HSL	153°, 22%, 59%
HSV	153°, 26%, 68%
XYZ	29.7879, 37.1612, 35.7398
YIQ	157.8520, -20.6750, -16.2830

Conversions

Conversions Part 2

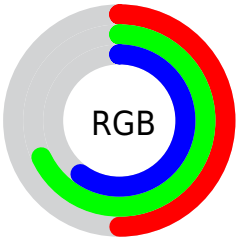
Format	Color
RYB	128, 158, 174
Decimal	8433305
CIELab	67.40, -19.84, 5.83
CIELCh	67, 20.683, 163.637
Yxy	37.1612, 0.2901, 0.3619
Android (android.graphics.Color)	4286623385 (0xFF80AE99)
YUV	157.8520, -2.3920, -26.1802
Hunter-Lab	60.9600, -19.4565, 7.9112

Details

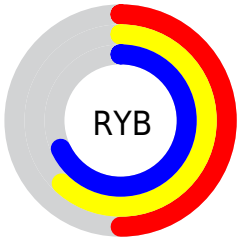
The RGB color 128, 174, 153 is a light color, and the websafe version is hex 669999. A complement of this color would be 174, 128, 149, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 182, 230, 207, and 77, 121, 102 is the 20% darker color. If you saturate the color by 10%, you get 111, 174, 145, and if you desaturate by 10%, it is 145, 174, 161.

Distribution

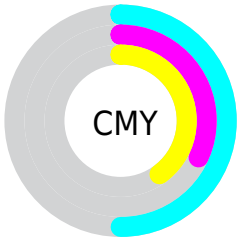


- Red (50%)
- Green (68%)
- Blue (60%)



- Red (50%)
- Yellow (62%)
- Blue (68%)

- Cyan (26%)
- Magenta (0%)
- Yellow (12%)
- Black (32%)



- Cyan (50%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 174, 153 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 128, 174, 153 by changing the saturation by 10% instead.

128, 174, 153

255, 255, 255

182, 230, 207

210, 255, 236

238, 255, 255

128, 174, 153

102, 147, 127

77, 121, 102

53, 96, 78

29, 72, 55

3, 50, 34

0, 30, 12

0, 0, 0

128, 174, 153

111, 174, 145

128, 174, 153

145, 174, 161

93, 174, 137

76, 174, 129

58, 174, 121

41, 174, 113

24, 174, 105

6, 174, 97

0, 174, 95

163, 174, 169

180, 174, 177

198, 174, 185

215, 174, 193

232, 174, 201

250, 174, 209

255, 174, 217

255, 174, 224

Harmonies

Analogous

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

148, 171, 137

128, 174, 153

114, 175, 172

Triad

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

128, 174, 153

154, 163, 200

200, 154, 139

Complementary

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

128, 174, 153

174, 128, 149

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.

203, 151, 156

128, 174, 153

178, 157, 191

Square

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

128, 174, 153

129, 169, 199

195, 152, 175

188, 159, 129

Rectangle

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

128, 174, 153

112, 174, 184

195, 152, 175

202, 153, 144

Sweetspot

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

128, 174, 153

209, 227, 219

149, 174, 128

103, 115, 110

242, 242, 242

115, 115, 115

Same Dimension

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

128, 174, 153

154, 227, 194

128, 172, 174

78, 87, 83

0, 150, 82

0, 23, 12

Inverse Universe

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

174, 128, 149

227, 154, 187

174, 130, 128

87, 78, 82

150, 0, 69

23, 0, 10

Previews

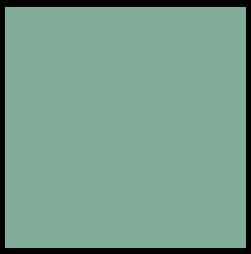
White Background

This preview shows how the RGB color 128, 174, 153 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



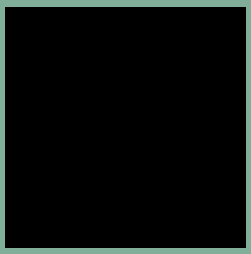
This preview shows how the RGB color 128, 174, 153 looks on a black background.

Color Contrast Check

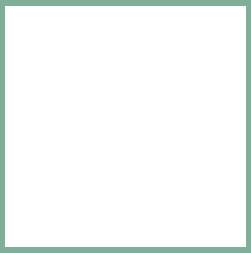
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 128, 174, 153 Background



This preview shows how black text looks on a background with the RGB color 128, 174, 153.



This preview shows how white text looks on a background with the RGB color 128, 174, 153.

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

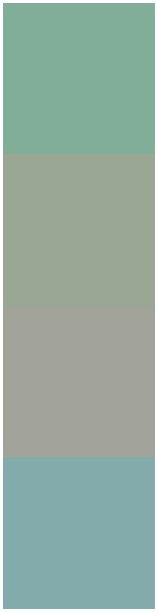
Original Color
128, 174, 153

Protanopia
170, 163, 147

Deuteranopia
182, 158, 156

Tritanopia
134, 170, 183

Trichromacy



Original Color
128, 174, 153

Protanomaly
155, 167, 149

Deuteranomaly
162, 164, 155

Tritanomaly
132, 171, 172

Monochromacy

Original Color
128, 174, 153

Achromatopsia
158, 158, 158

Achromatomaly
147, 164, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 174, 153 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(128, 174, 153) looks like.

```
.text, #text, p{
    color:rgb(128, 174, 153)
}
```

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(128, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 174, 153) }
```

Border

The CSS property to change the border of an element to RGB 128, 174, 153 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(128, 174, 153) }
```

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

```
.border{ border-color:rgb(128, 174, 153) }
```

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

Here you see how a box with a 4 pixel rgb(128, 174, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 174, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 174, 153); box-shadow:4px 4px 4px 4px rgb(128, 174, 153) }
```

Background

The CSS property to change the background color of an element to RGB 128, 174, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(128, 174, 153) }
```

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

```
.background{ background-color:rgb(128,
174, 153) }
```

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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