Converting Colors

RGB(126, 178, 158)

Have a look what the booklet for RGB(126, 178, 158) contains.

Color

RGB(126, 178, 158)

Conversions

Conversions Part 1

Format	Color
Hex	7EB29E
RGB	126, 178, 158
RGB Percent	49%, 70%, 62%
CMY	0.5059, 0.3020, 0.3804
CMYK	0.29, 0.00, 0.11, 0.30
HSL	157°, 25%, 60%
HSV	157°, 29%, 70%
XYZ	30.6961, 38.7450, 38.2084
YIQ	160.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

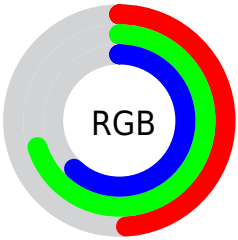
Format	Color
RYB	126, 158, 178
Decimal	8303262
CIELab	68.57, -21.46, 4.74
CIELCh	69, 21.980, 167.559
Yxy	38.7450, 0.2851, 0.3599
Android (android.graphics.Color)	4286493342 (0xFF7EB29E)
YUV	160.1720, -1.0708, -29.9688
Hunter-Lab	62.2455, -20.9030, 7.1776

Details

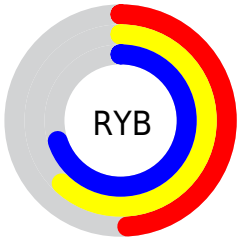
The RGB color 126, 178, 158 is a light color, and the websafe version is hex 669999. A complement of this color would be 178, 126, 146, and the grayscale version is 160, 160, 160.

A 20% lighter version of the original color is 180, 234, 213, and 75, 125, 107 is the 20% darker color. If you saturate the color by 10%, you get 108, 178, 151, and if you desaturate by 10%, it is 144, 178, 165.

Distribution

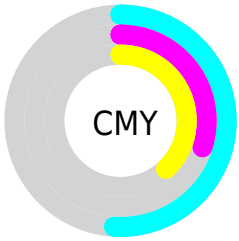


- Red (49%)
- Green (70%)
- Blue (62%)



- Red (49%)
- Yellow (62%)
- Blue (70%)

- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (51%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 178, 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 126, 178, 158 by changing the saturation by 10% instead.

126, 178, 158

255, 255, 255

180, 234, 213

208, 255, 241

236, 255, 255

126, 178, 158

100, 151, 132

75, 125, 107

50, 100, 83

25, 76, 60

0, 53, 38

0, 32, 17

0, 0, 0

126, 178, 158

108, 178, 151

126, 178, 158

144, 178, 165

90, 178, 144

73, 178, 137

55, 178, 131

37, 178, 124

19, 178, 117

1, 178, 110

0, 178, 110

162, 178, 172

179, 178, 179

197, 178, 185

215, 178, 192

233, 178, 199

251, 178, 206

255, 178, 213

255, 178, 220

Harmonies

Analogous

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

147, 175, 140

126, 178, 158

112, 179, 178

Triad

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

126, 178, 158

160, 165, 205

204, 157, 139

Complementary

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

126, 178, 158

178, 126, 146

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.

208, 153, 156

126, 178, 158

185, 158, 194

Square

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

126, 178, 158

133, 172, 206

202, 154, 176

190, 163, 129

Rectangle

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

126, 178, 158

112, 177, 191

202, 154, 176

206, 155, 144

Sweetspot

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

126, 178, 158

211, 232, 224

147, 178, 126

104, 117, 112

245, 245, 245

117, 117, 117

Same Dimension

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

126, 178, 158

151, 232, 201

126, 173, 178

80, 89, 86

0, 153, 94

0, 26, 16

Inverse Universe

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

178, 126, 146

232, 151, 182

178, 131, 126

89, 80, 84

153, 0, 59

26, 0, 10

Previews

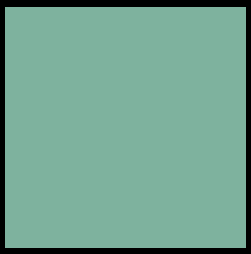
White Background

This preview shows how the RGB color 126, 178, 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



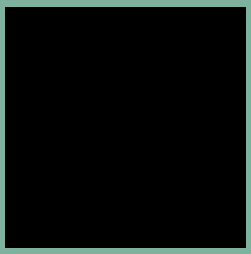
This preview shows how the RGB color 126, 178, 158 looks on a black background.

Color Contrast Check

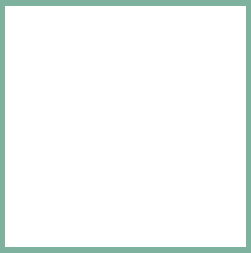
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 126, 178, 158 Background



This preview shows how black text looks on a background with the RGB color 126, 178, 158.



This preview shows how white text looks on a background with the RGB color 126, 178, 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

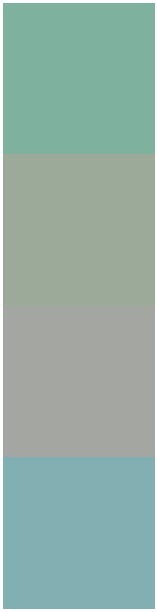
Original Color
126, 178, 158

Protanopia
173, 166, 152

Deuteranopia
185, 161, 162

Tritanopia
132, 174, 188

Trichromacy



Original Color
126, 178, 158

Protanomaly
156, 170, 154

Deuteranomaly
164, 167, 161

Tritanomaly
130, 175, 177

Monochromacy

Original Color
126, 178, 158

Achromatopsia
160, 160, 160

Achromatomaly
148, 167, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 178, 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(126, 178, 158) looks like.

```
.text, #text, p{
    color:rgb(126, 178, 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(126, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 178, 158) }
```

Border

The CSS property to change the border of an element to RGB 126, 178, 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(126, 178, 158) }
```

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

```
.border{ border-color:rgb(126, 178, 158) }
```

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

Here you see how a box with a 4 pixel rgb(126, 178, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 178, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 178, 158); box-shadow:4px 4px 4px 4px rgb(126, 178, 158) }
```

Background

The CSS property to change the background color of an element to RGB 126, 178, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(126, 178, 158) }
```

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

```
.background{ background-color:rgb(126,
178, 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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