Converting Colors

RGB(127, 178, 162)

Have a look what the booklet for RGB(127, 178, 162) contains.

Color

RGB(127, 178, 162)

Conversions

Conversions Part 1

Format	Color
Hex	7FB2A2
RGB	127, 178, 162
RGB Percent	50%, 70%, 64%
CMY	0.5020, 0.3020, 0.3647
CMYK	0.29, 0.00, 0.09, 0.30
HSL	161°, 25%, 60%
HSV	161°, 29%, 70%
XYZ	31.1944, 38.9615, 40.0586
YIQ	160.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

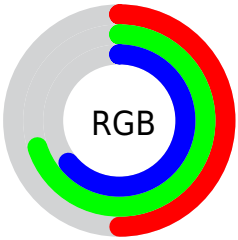
Format	Color
RYB	127, 157, 178
Decimal	8368802
CIELab	68.72, -20.30, 2.77
CIELCh	69, 20.483, 172.242
Yxy	38.9615, 0.2830, 0.3535
Android (android.graphics.Color)	4286558882 (0xFF7FB2A2)
YUV	160.9270, 0.5290, -29.7540
Hunter-Lab	62.4191, -20.0268, 5.6429

Details

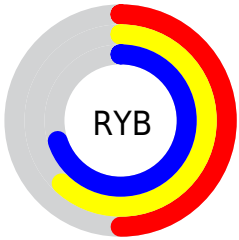
The RGB color 127, 178, 162 is a light color, and the websafe version is hex 669999. A complement of this color would be 178, 127, 143, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 181, 234, 217, and 76, 125, 110 is the 20% darker color. If you saturate the color by 10%, you get 109, 178, 156, and if you desaturate by 10%, it is 145, 178, 168.

Distribution

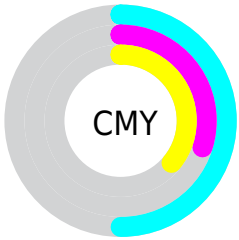


- Red (50%)
- Green (70%)
- Blue (64%)



- Red (50%)
- Yellow (62%)
- Blue (70%)

- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 178, 162 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 127, 178, 162 by changing the saturation by 10% instead.

127, 178, 162

255, 255, 255

181, 234, 217

209, 255, 245

238, 255, 255

127, 178, 162

101, 151, 136

76, 125, 110

51, 100, 86

26, 76, 63

0, 53, 41

0, 32, 21

0, 0, 0

127, 178, 162

109, 178, 156

127, 178, 162

145, 178, 168

91, 178, 151

74, 178, 145

56, 178, 140

38, 178, 134

20, 178, 128

2, 178, 123

0, 178, 122

163, 178, 173

180, 178, 179

198, 178, 184

216, 178, 190

234, 178, 196

252, 178, 201

255, 178, 207

255, 178, 212

Harmonies

Analogous

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

146, 175, 145

127, 178, 162

117, 178, 181

Triad

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

127, 178, 162

165, 165, 202

200, 159, 139

Complementary

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

127, 178, 162

178, 127, 143

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.

206, 155, 154

127, 178, 162

187, 159, 191

Square

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

127, 178, 162

140, 171, 204

202, 155, 173

186, 165, 131

Rectangle

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

127, 178, 162

118, 177, 192

202, 155, 173

203, 157, 144

Sweetspot

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

127, 178, 162

211, 232, 225

143, 178, 127

104, 117, 113

245, 245, 245

117, 117, 117

Same Dimension

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

127, 178, 162

153, 232, 207

127, 169, 178

80, 89, 86

0, 153, 105

0, 26, 17

Inverse Universe

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

178, 127, 143

232, 153, 178

178, 136, 127

89, 80, 83

153, 0, 48

26, 0, 8

Previews

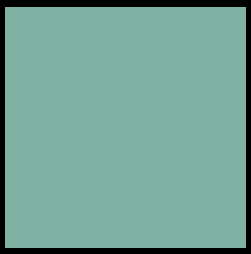
White Background

This preview shows how the RGB color 127, 178, 162 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



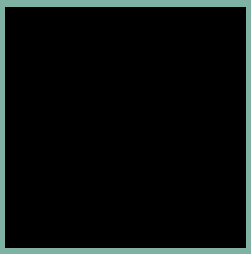
This preview shows how the RGB color 127, 178, 162 looks on a black background.

Color Contrast Check

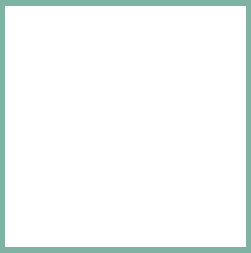
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 127, 178, 162 Background



This preview shows how black text looks on a background with the RGB color 127, 178, 162.



This preview shows how white text looks on a background with the RGB color 127, 178, 162.

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

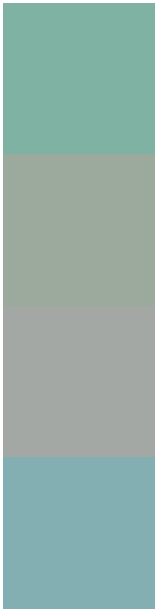
Original Color
127, 178, 162

Protanopia
173, 166, 156

Deuteranopia
184, 162, 165

Tritanopia
133, 174, 188

Trichromacy



Original Color
127, 178, 162

Protanomaly
156, 170, 158

Deuteranomaly
163, 168, 164

Tritanomaly
131, 175, 179

Monochromacy

Original Color
127, 178, 162

Achromatopsia
161, 161, 161

Achromatomaly
149, 167, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 178, 162 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(127, 178, 162) looks like.

```
.text, #text, p{
    color:rgb(127, 178, 162)
}
```

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(127, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 162) }
```

Border

The CSS property to change the border of an element to RGB 127, 178, 162 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(127, 178, 162) }
```

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

```
.border{ border-color:rgb(127, 178, 162) }
```

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

Here you see how a box with a 4 pixel rgb(127, 178, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 178, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 178, 162); box-shadow:4px 4px 4px 4px rgb(127, 178, 162) }
```

Background

The CSS property to change the background color of an element to RGB 127, 178, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 178, 162) }
```

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

```
.background{ background-color:rgb(127,
178, 162) }
```

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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