Converting Colors

RGB(120, 170, 142)

Have a look what the booklet for RGB(120, 170, 142) contains.

Color

RGB(120, 170, 142)

Conversions

Conversions Part 1

Format	Color
Hex	78AA8E
RGB	120, 170, 142
RGB Percent	47%, 67%, 56%
CMY	0.5294, 0.3333, 0.4431
CMYK	0.29, 0.00, 0.16, 0.33
HSL	146°, 23%, 57%
HSV	146°, 29%, 67%
XYZ	27.0029, 34.6955, 30.8649
YIQ	151.8580, -20.8120, -19.3080

Conversions

Conversions Part 2

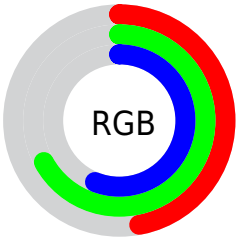
Format	Color
RYB	120, 155, 170
Decimal	7907982
CIELab	65.51, -22.64, 9.16
CIELCh	66, 24.425, 157.986
Yxy	34.6955, 0.2917, 0.3748
Android (android.graphics.Color)	4286098062 (0xFF78AA8E)
YUV	151.8580, -4.8600, -27.9395
Hunter-Lab	58.9029, -21.2501, 10.1643

Details

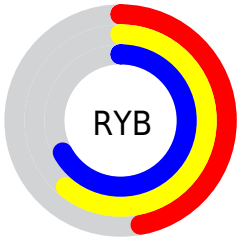
The RGB color 120, 170, 142 is a dark color, and the websafe version is hex 669966. A complement of this color would be 170, 120, 148, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 173, 225, 196, and 70, 118, 92 is the 20% darker color. If you saturate the color by 10%, you get 103, 170, 132, and if you desaturate by 10%, it is 137, 170, 152.

Distribution

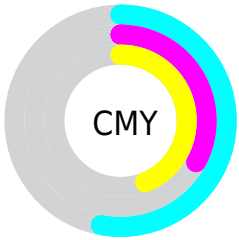


- Red (47%)
- Green (67%)
- Blue (56%)



- Red (47%)
- Yellow (61%)
- Blue (67%)

- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)



- Cyan (53%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 170, 142 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 120, 170, 142 by changing the saturation by 10% instead.

120, 170, 142

255, 255, 255

173, 225, 196

201, 254, 224

230, 255, 252

120, 170, 142

94, 143, 116

70, 118, 92

45, 93, 68

20, 69, 46

0, 46, 25

0, 27, 0

0, 0, 0

120, 170, 142

103, 170, 132

120, 170, 142

137, 170, 152

86, 170, 123

69, 170, 113

52, 170, 104

35, 170, 94

18, 170, 85

1, 170, 75

0, 170, 75

154, 170, 161

171, 170, 171

188, 170, 180

205, 170, 190

222, 170, 199

239, 170, 209

255, 170, 218

255, 170, 228

Harmonies

Analogous

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

145, 166, 124

120, 170, 142

100, 171, 164

Triad

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

120, 170, 142

140, 159, 202

201, 146, 133

Complementary

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

120, 170, 142

170, 120, 148

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, 143, 154

120, 170, 142

170, 151, 194

Square

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

120, 170, 142

111, 166, 199

192, 145, 176

189, 152, 119

Rectangle

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

120, 170, 142

94, 171, 179

192, 145, 176

203, 144, 140

Sweetspot

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

120, 170, 142

202, 222, 211

148, 170, 120

100, 112, 105

240, 240, 240

112, 112, 112

Same Dimension

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

120, 170, 142

144, 222, 178

120, 170, 167

76, 84, 79

0, 148, 65

0, 20, 9

Inverse Universe

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

170, 120, 148

222, 144, 188

170, 120, 123

84, 76, 80

148, 0, 83

20, 0, 11

Previews

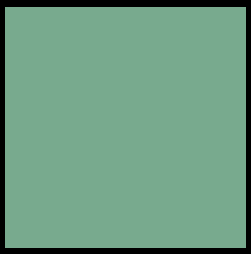
White Background

This preview shows how the RGB color 120, 170, 142 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



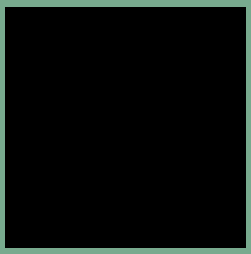
This preview shows how the RGB color 120, 170, 142 looks on a black background.

Color Contrast Check

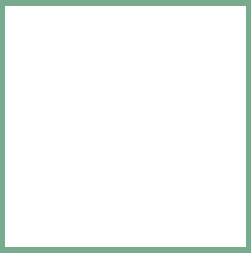
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 120, 170, 142 Background



This preview shows how black text looks on a background with the RGB color 120, 170, 142.



This preview shows how white text looks on a background with the RGB color 120, 170, 142.

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

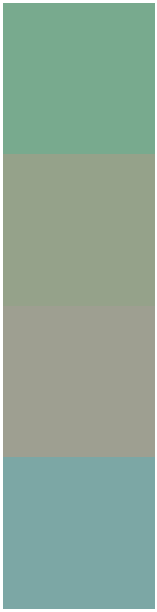
Original Color
120, 170, 142

Protanopia
166, 158, 136

Deuteranopia
179, 153, 146

Tritanopia
127, 165, 178

Trichromacy



Original Color
120, 170, 142

Protanomaly
149, 162, 138

Deuteranomaly
158, 159, 145

Tritanomaly
124, 167, 165

Monochromacy

Original Color
120, 170, 142

Achromatopsia
152, 152, 152

Achromatomaly
140, 159, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 170, 142 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(120, 170, 142) looks like.

```
.text, #text, p{
    color:rgb(120, 170, 142)
}
```

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(120, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 142) }
```

Border

The CSS property to change the border of an element to RGB 120, 170, 142 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(120, 170, 142) }
```

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

```
.border{ border-color:rgb(120, 170, 142) }
```

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

Here you see how a box with a 4 pixel rgb(120, 170, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 170, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 170, 142); box-shadow:4px 4px 4px 4px rgb(120, 170, 142) }
```

Background

The CSS property to change the background color of an element to RGB 120, 170, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 170, 142) }
```

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

```
.background{ background-color:rgb(120,
170, 142) }
```

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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