Converting Colors

RGB(142, 188, 162)

Have a look what the booklet for RGB(142, 188, 162) contains.

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Color

RGB(142, 188, 162)

Conversions

Conversions Part 1

Format	Color
Hex	8EBCA2
RGB	142, 188, 162
RGB Percent	56%, 74%, 64%
CMY	0.4431, 0.2627, 0.3647
CMYK	0.24, 0.00, 0.14, 0.26
HSL	146°, 26%, 65%
HSV	146°, 24%, 74%
XYZ	35.6601, 44.3259, 40.8587
YIQ	171.2820, -19.0700, -17.8380

Conversions

Conversions Part 2

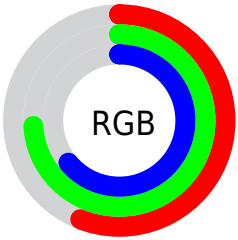
Format	Color
RYB	142, 174, 188
Decimal	9354402
CIELab	72.45, -20.61, 8.24
CIELCh	72, 22.195, 158.220
Yxy	44.3259, 0.2951, 0.3668
Android (android.graphics.Color)	4287544482 (0xFF8EBCA2)
YUV	171.2820, -4.5760, -25.6803
Hunter-Lab	66.5777, -20.9033, 10.2181

Details

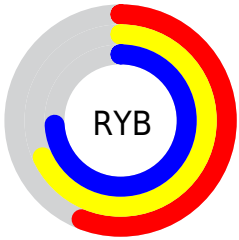
The RGB color 142, 188, 162 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 188, 142, 168, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 196, 244, 217, and 91, 135, 110 is the 20% darker color. If you saturate the color by 10%, you get 123, 188, 151, and if you desaturate by 10%, it is 161, 188, 173.

Distribution

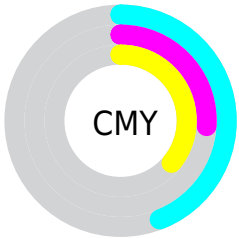


- Red (56%)
- Green (74%)
- Blue (64%)



- Red (56%)
- Yellow (68%)
- Blue (74%)

- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 188, 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 142, 188, 162 by changing the saturation by 10% instead.

142, 188, 162

255, 255, 255

196, 244, 217

225, 255, 245

254, 255, 255

142, 188, 162

116, 161, 136

91, 135, 110

66, 109, 86

42, 85, 63

18, 61, 41

0, 39, 20

0, 16, 0

0, 0, 0

142, 188, 162

142, 188, 162

123, 188, 151

104, 188, 141

86, 188, 130

67, 188, 119

48, 188, 109

29, 188, 98

10, 188, 88

0, 188, 82

161, 188, 173

180, 188, 183

198, 188, 194

217, 188, 205

236, 188, 215

255, 188, 226

255, 188, 236

255, 188, 247

255, 188, 255

Harmonies

Analogous

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

165, 184, 145

142, 188, 162

125, 189, 183

Triad

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

142, 188, 162

161, 178, 218

218, 166, 153

Complementary

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

142, 188, 162

188, 142, 168

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.

219, 163, 173

142, 188, 162

188, 171, 210

Square

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

142, 188, 162

136, 184, 215

209, 165, 193

206, 171, 141

Rectangle

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

142, 188, 162

121, 189, 196

209, 165, 193

219, 164, 159

Sweetspot

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

142, 188, 162

228, 245, 235

168, 188, 142

113, 122, 117

250, 250, 250

122, 122, 122

Same Dimension

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

142, 188, 162

174, 245, 205

142, 188, 185

85, 94, 89

0, 158, 69

0, 31, 13

Inverse Universe

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

188, 142, 168

245, 174, 214

188, 142, 145

94, 85, 90

158, 0, 89

31, 0, 17

Previews

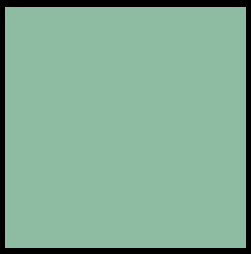
White Background

This preview shows how the RGB color 142, 188, 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



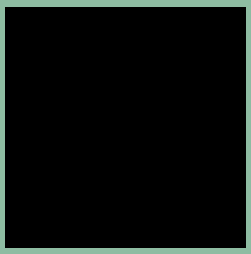
This preview shows how the RGB color 142, 188, 162 looks on a black background.

Color Contrast Check

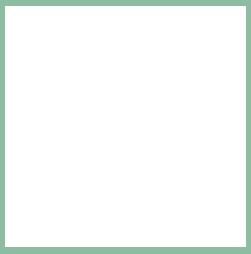
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 142, 188, 162 Background



This preview shows how black text looks on a background with the RGB color 142, 188, 162.



This preview shows how white text looks on a background with the RGB color 142, 188, 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
142, 188, 162

Protanopia
185, 177, 156

Deuteranopia
199, 171, 166

Tritanopia
149, 183, 198

Trichromacy

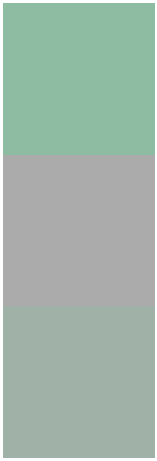
Original Color
142, 188, 162

Protanomaly
169, 181, 158

Deuteranomaly
178, 177, 165

Tritanomaly
146, 185, 185

Monochromacy



Original Color
142, 188, 162

Achromatopsia
171, 171, 171

Achromatomaly
160, 177, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 188, 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(142, 188, 162) looks like.

```
.text, #text, p{
    color:rgb(142, 188, 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(142, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 188, 162) }
```

Border

The CSS property to change the border of an element to RGB 142, 188, 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(142, 188, 162) }
```

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

```
.border{ border-color:rgb(142, 188, 162) }
```

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

Here you see how a box with a 4 pixel rgb(142, 188, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 188, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 188, 162); box-shadow:4px 4px 4px 4px rgb(142, 188, 162) }
```

Background

The CSS property to change the background color of an element to RGB 142, 188, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(142, 188, 162) }
```

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

```
.background{ background-color:rgb(142,
188, 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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