Converting Colors

RGB(135, 162, 144)

Have a look what the booklet for RGB(135, 162, 144) contains.

Color

RGB(135, 162, 144)

Conversions

Conversions Part 1

Format	Color
Hex	87A290
RGB	135, 162, 144
RGB Percent	53%, 64%, 56%
CMY	0.4706, 0.3647, 0.4353
CMYK	0.17, 0.00, 0.11, 0.36
HSL	140°, 13%, 58%
HSV	140°, 17%, 64%
XYZ	27.9460, 33.0052, 31.2833
YIQ	151.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

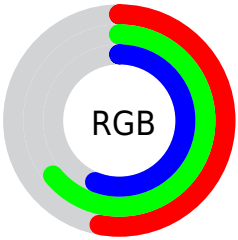
Format	Color
RYB	135, 155, 162
Decimal	8888976
CIELab	64.17, -13.06, 6.24
CIELCh	64, 14.476, 154.448
Yxy	33.0052, 0.3030, 0.3578
Android (android.graphics.Color)	4287079056 (0xFF87A290)
YUV	151.8750, -3.8824, -14.7994
Hunter-Lab	57.4501, -13.7082, 7.9299

Details

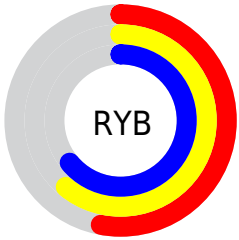
The RGB color 135, 162, 144 is a light color, and the websafe version is hex 669999. A complement of this color would be 162, 135, 153, and the grayscale version is 152, 152, 152.

A 20% lighter version of the original color is 188, 217, 198, and 85, 110, 94 is the 20% darker color. If you saturate the color by 10%, you get 119, 162, 133, and if you desaturate by 10%, it is 151, 162, 155.

Distribution

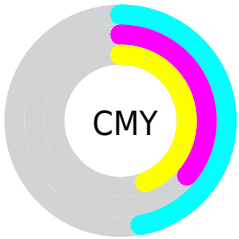


- Red (53%)
- Green (64%)
- Blue (56%)



- Red (53%)
- Yellow (61%)
- Blue (64%)

- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (47%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 162, 144 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 135, 162, 144 by changing the saturation by 10% instead.

135, 162, 144

255, 255, 255

188, 217, 198

216, 245, 226

245, 255, 254

135, 162, 144

109, 136, 118

85, 110, 94

61, 86, 70

39, 63, 48

18, 41, 27

0, 21, 0

0, 0, 0

135, 162, 144

119, 162, 133

135, 162, 144

151, 162, 155

103, 162, 122	167, 162, 166
86, 162, 112	184, 162, 176
70, 162, 101	200, 162, 187
54, 162, 90	216, 162, 198
38, 162, 79	232, 162, 209
22, 162, 68	248, 162, 220
5, 162, 58	255, 162, 230
0, 162, 54	255, 162, 241

Harmonies

Analogous

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

149, 159, 134

135, 162, 144

125, 163, 157

Triad

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

135, 162, 144

144, 156, 181

182, 148, 141

Complementary

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

135, 162, 144

162, 135, 153

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.

182, 147, 154

135, 162, 144

160, 152, 177

Square

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

135, 162, 144

129, 160, 178

174, 148, 167

176, 151, 133

Rectangle

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

135, 162, 144

122, 163, 166

174, 148, 167

183, 147, 145

Sweetspot

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

135, 162, 144

201, 212, 205

153, 162, 135

101, 107, 103

235, 235, 235

107, 107, 107

Same Dimension

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

135, 162, 144

169, 212, 183

135, 162, 157

73, 82, 76

0, 145, 48

0, 18, 6

Inverse Universe

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

162, 135, 153

212, 169, 198

162, 135, 140

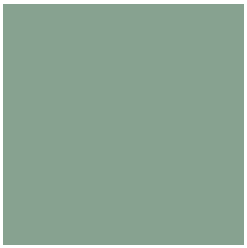
82, 73, 79

145, 0, 97

18, 0, 12

Previews

White Background

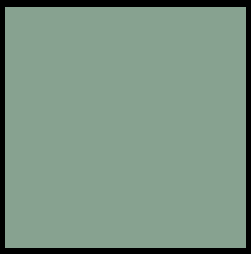


This preview shows how the RGB color 135, 162, 144 looks on a white background.

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



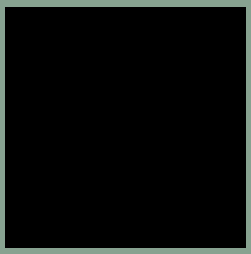
This preview shows how the RGB color 135, 162, 144 looks on a black background.

Color Contrast Check

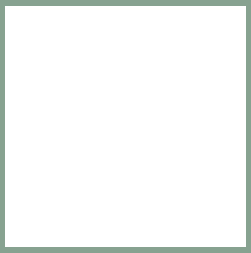
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 135, 162, 144 Background



This preview shows how black text looks on a background with the RGB color 135, 162, 144.



This preview shows how white text looks on a background with the RGB color 135, 162, 144.

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
135, 162, 144

Protanopia
161, 155, 140

Deuteranopia
173, 150, 146

Tritanopia
140, 158, 171

Trichromacy

Original Color
135, 162, 144

Protanomaly
152, 158, 141

Deuteranomaly
159, 154, 145

Tritanomaly
138, 159, 161

Monochromacy

Original Color
135, 162, 144

Achromatopsia
152, 152, 152

Achromatomaly
146, 156, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 162, 144 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(135, 162, 144) looks like.

```
.text, #text, p{
    color:rgb(135, 162, 144)
}
```

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(135, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 162, 144) }
```

Border

The CSS property to change the border of an element to RGB 135, 162, 144 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(135, 162, 144) }
```

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

```
.border{ border-color:rgb(135, 162, 144) }
```

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

Here you see how a box with a 4 pixel rgb(135, 162, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 162, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 162, 144); box-shadow:4px 4px 4px 4px rgb(135, 162, 144) }
```

Background

The CSS property to change the background color of an element to RGB 135, 162, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(135, 162, 144) }
```

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

```
.background{ background-color:rgb(135,
162, 144) }
```

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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