Converting Colors

RGB(135, 162, 162)

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

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Color

RGB(135, 162, 162)

Conversions

Conversions Part 1

Format	Color
Hex	87A2A2
RGB	135, 162, 162
RGB Percent	53%, 64%, 64%
CMY	0.4706, 0.3647, 0.3647
CMYK	0.17, 0.00, 0.00, 0.36
HSL	180°, 13%, 58%
HSV	180°, 17%, 64%
XYZ	29.4336, 33.6002, 39.1166
YIQ	153.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

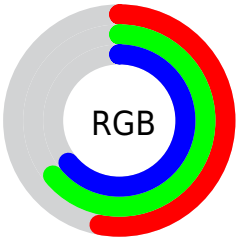
Format	Color
RYB	135, 149, 162
Decimal	8888994
CIELab	64.64, -9.33, -3.14
CIELCh	65, 9.840, 198.584
Yxy	33.6002, 0.2881, 0.3289
Android (android.graphics.Color)	4287079074 (0xFF87A2A2)
YUV	153.9270, 3.9800, -16.5990
Hunter-Lab	57.9657, -10.8019, 0.5657

Details

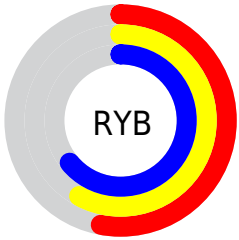
The RGB color 135, 162, 162 is a light color, and the websafe version is hex 669999. A complement of this color would be 162, 135, 135, and the grayscale version is 154, 154, 154.

A 20% lighter version of the original color is 189, 217, 217, and 85, 110, 110 is the 20% darker color. If you saturate the color by 10%, you get 119, 162, 162, and if you desaturate by 10%, it is 151, 162, 162.

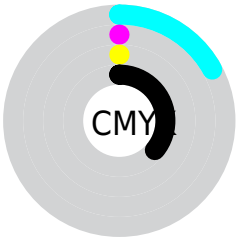
Distribution



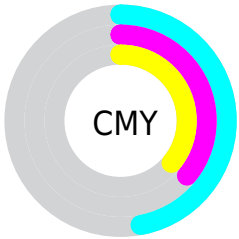
- Red (53%)
- Green (64%)
- Blue (64%)



- Red (53%)
- Yellow (58%)
- Blue (64%)



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



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

Brightness & Saturation Gradients

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

135, 162, 162

255, 255, 255

189, 217, 217

217, 245, 245

245, 255, 255

135, 162, 162

109, 136, 136

85, 110, 110

61, 86, 86

38, 63, 63

16, 41, 41

0, 21, 21

0, 0, 0

135, 162, 162

119, 162, 162

135, 162, 162

151, 162, 162

103, 162, 162

86, 162, 162

70, 162, 162

54, 162, 162

38, 162, 162

22, 162, 162

5, 162, 162

0, 162, 162

167, 162, 162

184, 162, 162

200, 162, 162

216, 162, 162

232, 162, 162

248, 162, 162

255, 162, 162

Harmonies

Analogous

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

139, 162, 153

135, 162, 162

137, 161, 170

Triad

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

135, 162, 162

165, 153, 168

167, 155, 140

Complementary

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

135, 162, 162

162, 135, 135

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.

174, 152, 144

135, 162, 162

173, 151, 160

Square

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

135, 162, 162

154, 156, 173

176, 151, 152

158, 158, 140

Rectangle

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

135, 162, 162

141, 159, 173

176, 151, 152

170, 154, 141

Sweetspot

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

135, 162, 162

201, 212, 212

135, 162, 135

101, 107, 107

235, 235, 235

107, 107, 107

Same Dimension

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

135, 162, 162

169, 212, 212

135, 149, 162

73, 82, 82

0, 145, 145

0, 18, 18

Inverse Universe

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

162, 135, 162

212, 169, 212

162, 149, 135

82, 73, 82

145, 0, 145

18, 0, 18

Previews

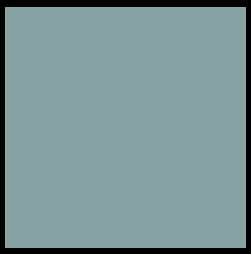
White Background

This preview shows how the RGB color 135, 162, 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



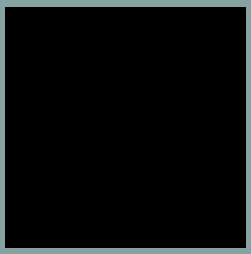
This preview shows how the RGB color 135, 162, 162 looks on a black background.

Color Contrast Check

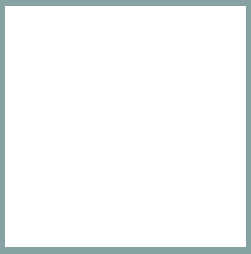
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 135, 162, 162 Background



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



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

Protanopia
159, 156, 158

Deuteranopia
168, 152, 164

Tritanopia
137, 160, 173

Trichromacy

Original Color
135, 162, 162

Protanomaly
150, 158, 159

Deuteranomaly
156, 156, 163

Tritanomaly
136, 161, 169

Monochromacy

Original Color
135, 162, 162

Achromatopsia
154, 154, 154

Achromatomaly
147, 157, 157

CSS Examples

Text

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

```
.text, #text, p{
    color:rgb(135, 162, 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(135, 162, 162) colored shadow looks like.

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

Border

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

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

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

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, 162) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 135, 162, 162 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, 162) }
```

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

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