

Converting Colors

RGB(133, 166, 162)

Have a look what the booklet for
RGB(133, 166, 162) contains.

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Color

RGB(133, 166, 162)

Conversions

Conversions Part 1

Format	Color
Hex	85A6A2
RGB	133, 166, 162
RGB Percent	52%, 65%, 64%
CMY	0.4784, 0.3490, 0.3647
CMYK	0.20, 0.00, 0.02, 0.35
HSL	173°, 16%, 59%
HSV	173°, 20%, 65%
XYZ	29.8307, 34.8676, 39.3403
YIQ	155.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

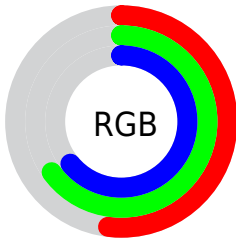
Format	Color
RYB	133, 151, 166
Decimal	8758946
CIELab	65.65, -12.13, -1.68
CIElCh	66, 12.245, 187.885
Yxy	34.8676, 0.2867, 0.3351
Android (android.graphics.Color)	4286949026 (0xFF85A6A2)
YUV	155.6770, 3.1172, -19.8877
Hunter-Lab	59.0488, -13.1596, 1.8332

Details

The RGB color **133, 166, 162** is a light color, and the websafe version is hex **669999**. A complement of this color would be **166, 133, 137**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **187, 221, 217**, and **83, 114, 110** is the 20% darker color. If you saturate the color by 10%, you get **116, 166, 160**, and if you desaturate by 10%, it is **150, 166, 164**.

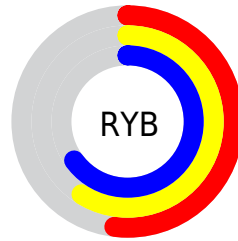
Distribution



Red (52%)

Green (65%)

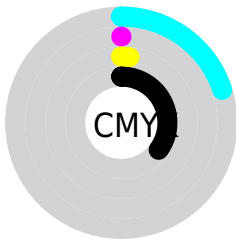
Blue (64%)



Red (52%)

Yellow (59%)

Blue (65%)

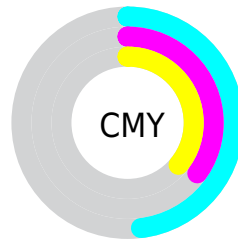


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 166, 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 133, 166, 162 by changing the saturation by 10% instead.

 133, 166, 162


255, 255, 255


 187, 221, 217

 215, 250, 245

 243, 255, 255

 133, 166, 162

 107, 140, 136

 83, 114, 110

 59, 89, 86

 36, 66, 63

 13, 44, 41


 0, 24, 21


 0, 0, 0

 133, 166, 162


 116, 166, 160

 133, 166, 162


 150, 166, 164

 100, 166, 158


 166, 166, 166

 83, 166, 156


 183, 166, 168


 67, 166, 154


 199, 166, 170

 50, 166, 152

 216, 166, 172

 33, 166, 150

 233, 166, 174

 17, 166, 148

 249, 166, 176

 0, 166, 146

 255, 166, 178

 0, 166, 146

 255, 166, 180

Harmonies

Analogous

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



141, 165, 151



133, 166, 162



132, 165, 172

Triad

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



133, 166, 162



165, 156, 177



176, 156, 139

Complementary

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



133, 166, 162



166, 133, 137

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, 153, 146



133, 166, 162



176, 153, 168

Square

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



133, 166, 162



151, 159, 181



182, 152, 157



165, 160, 138

Rectangle

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



133, 166, 162



136, 164, 178



182, 152, 157



179, 155, 141

Sweetspot

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



133, 166, 162



204, 217, 215



137, 166, 133



102, 110, 109



237, 237, 237



110, 110, 110

Same Dimension

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



133, 166, 162



165, 217, 210



133, 154, 166



76, 84, 83



0, 148, 130



0, 20, 18

Inverse Universe

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



166, 133, 137



217, 165, 171



166, 145, 133



84, 76, 77



148, 0, 18



20, 0, 2

Previews

White Background



This preview shows how the RGB color 133, 166, 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 133, 166, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

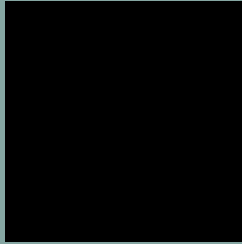
Any Text WCAG AA ✓ Pass

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 133, 166, 162 Background



This preview shows how black text looks on a background with the RGB color 133, 166, 162.

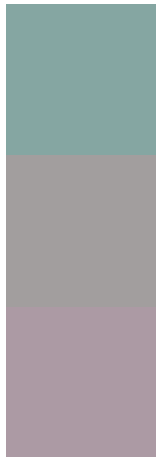


This preview shows how white text looks on a background with the RGB color 133, 166, 162.

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](#).

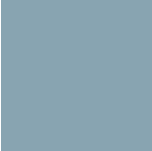
Dichromacy



Original Color
[133](#), [166](#), [162](#)

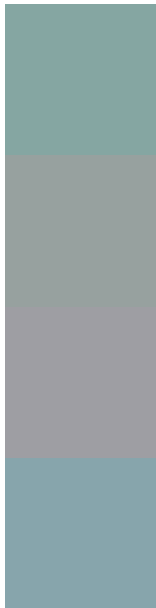
Protanopia
[162](#), [158](#), [158](#)

Deuteranopia
[172](#), [154](#), [164](#)



Tritanopia
136, 164, 177

Trichromacy



Original Color

133, 166, 162

Protanomaly

151, 161, 159

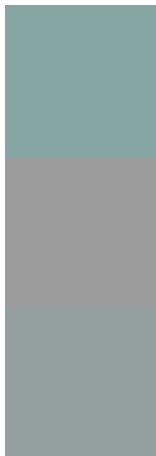
Deuteranomaly

158, 158, 163

Tritanomaly

135, 165, 172

Monochromacy



Original Color

133, 166, 162

Achromatopsia

156, 156, 156

Achromatomaly

148, 160, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 166, 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(133, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 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(133, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 162) }
```

Border

The CSS property to change the border of an element to RGB 133, 166, 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(133, 166, 162) }
```

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

```
.border{ border-color:rgb(133, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 133, 166, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 162) }
```

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

```
.background{ background-color: rgb(133,  
166, 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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