

Converting Colors

RGB(122, 166, 170)

Have a look what the booklet for
RGB(122, 166, 170) contains.

RGB(122, 166, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(122, 166, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7AA6AA
RGB	122, 166, 170
RGB Percent	48%, 65%, 67%
CMY	0.5216, 0.3490, 0.3333
CMYK	0.28, 0.02, 0.00, 0.33
HSL	185°, 22%, 57%
HSV	185°, 28%, 67%
XYZ	28.9180, 34.3123, 43.1290
YIQ	153.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

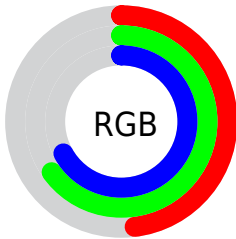
Format	Color
RYB	122, 145, 170
Decimal	8038058
CIELab	65.21, -13.75, -6.86
CIElCh	65, 15.371, 206.526
Yxy	34.3123, 0.2719, 0.3226
Android (android.graphics.Color)	4286228138 (0xFF7AA6AA)
YUV	153.3000, 8.2331, -27.4501
Hunter-Lab	58.5767, -14.3879, -2.6505

Details

The RGB color **122, 166, 170** is a light color, and the websafe version is hex **669999**. A complement of this color would be **170, 126, 122**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **176, 221, 225**, and **71, 114, 118** is the 20% darker color. If you saturate the color by 10%, you get **105, 165, 170**, and if you desaturate by 10%, it is **139, 167, 170**.

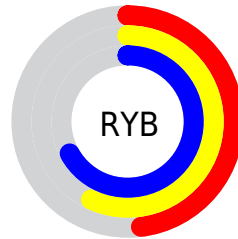
Distribution



Red (48%)

Green (65%)

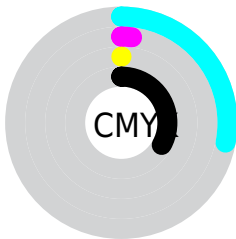
Blue (67%)



Red (48%)

Yellow (57%)

Blue (67%)

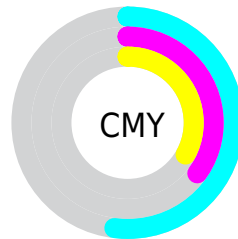


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (52%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 166, 170 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 122, 166, 170 by changing the saturation by 10% instead.


 122, 166, 170


255, 255, 255


 176, 221, 225

 204, 250, 254


 232, 255, 255

 122, 166, 170

 96, 140, 144

 71, 114, 118

 46, 89, 93

 21, 66, 70


 0, 44, 47


 0, 24, 27

 0, 0, 0

 122, 166, 170

 105, 165, 170

 122, 166, 170

 139, 167, 170

88, 163, 170

156, 169, 170

71, 162, 170

173, 170, 170

54, 160, 170

190, 172, 170

37, 159, 170

207, 173, 170

20, 158, 170

224, 174, 170

3, 156, 170

241, 176, 170

0, 156, 170

255, 177, 170

255, 179, 170

Harmonies

Analogous

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



127, 166, 156



122, 166, 170



127, 164, 181

Triad

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



122, 166, 170



175, 151, 174



171, 157, 131

Complementary

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



122, 166, 170



170, 126, 122

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, 152, 136



122, 166, 170



185, 149, 160

Square

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



122, 166, 170



159, 155, 183



187, 149, 147



156, 161, 134

Rectangle

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



122, 166, 170



136, 161, 185



187, 149, 147



175, 155, 132

Sweetspot

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



122, 166, 170



204, 220, 222



122, 170, 126



101, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



122, 166, 170



146, 216, 222



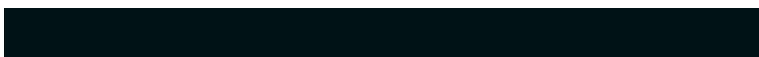
122, 143, 170



76, 83, 84



0, 136, 148



0, 19, 20

Inverse Universe

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



170, 122, 166



222, 146, 216



170, 150, 122



84, 76, 83



148, 0, 136



20, 0, 19

Previews

White Background



This preview shows how the RGB color 122, 166, 170 looks on a white background.

Color Contrast Check

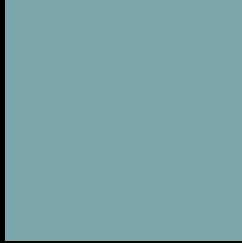
Large Text (above 18pt) WCAG AA × Fail

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 122, 166, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

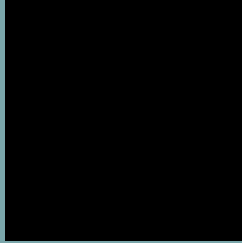
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

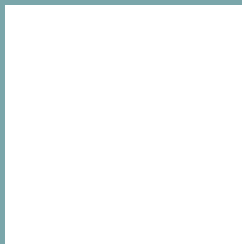
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 122, 166, 170 Background



This preview shows how black text looks on a background with the RGB color 122, 166, 170.

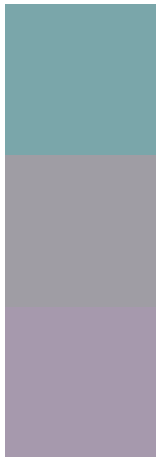


This preview shows how white text looks on a background with the RGB color 122, 166, 170.

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
122, 166, 170

Protanopia
159, 157, 164

Deuteranopia
166, 153, 173



Tritanopia
124, 165, 178

Trichromacy



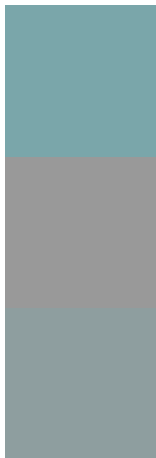
Original Color
122, 166, 170

Protanomaly
146, 160, 166

Deuteranomaly
150, 158, 172

Tritanomaly
123, 165, 175

Monochromacy



Original Color
122, 166, 170

Achromatopsia
153, 153, 153

Achromatomaly
142, 158, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 166, 170 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(122, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 170)  
}
```

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(122, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 170) }
```

Border

The CSS property to change the border of an element to RGB 122, 166, 170 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(122, 166, 170) }
```

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

```
.border{ border-color:rgb(122, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 122, 166, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 170) }
```

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

```
.background{ background-color: rgb(122,  
166, 170) }
```

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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