

Converting Colors

RGB(123, 162, 170)

Have a look what the booklet for
RGB(123, 162, 170) contains.

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Color

RGB(123, 162, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7BA2AA
RGB	123, 162, 170
RGB Percent	48%, 64%, 67%
CMY	0.5176, 0.3647, 0.3333
CMYK	0.28, 0.05, 0.00, 0.33
HSL	190°, 22%, 57%
HSV	190°, 28%, 67%
XYZ	28.3444, 32.9539, 42.8970
YIQ	151.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

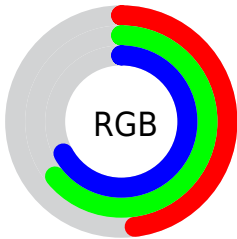
Format	Color
RYB	123, 144, 170
Decimal	8102570
CIELab	64.12, -11.31, -8.47
CIElCh	64, 14.131, 216.843
Yxy	32.9539, 0.2720, 0.3163
Android (android.graphics.Color)	4286292650 (0xFF7BA2AA)
YUV	151.2510, 9.2433, -24.7761
Hunter-Lab	57.4055, -12.3238, -4.1214

Details

The RGB color **123, 162, 170** is a light color, and the websafe version is hex **669999**. A complement of this color would be **170, 131, 123**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **177, 217, 225**, and **72, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **106, 159, 170**, and if you desaturate by 10%, it is **140, 165, 170**.

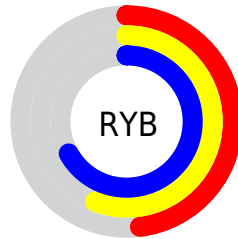
Distribution



Red (48%)

Green (64%)

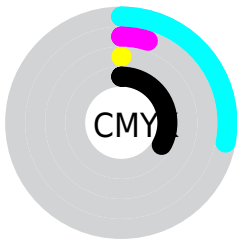
Blue (67%)



Red (48%)

Yellow (56%)

Blue (67%)

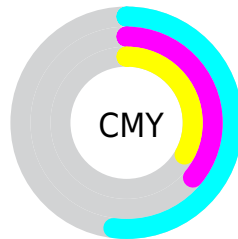


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 162, 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 123, 162, 170 by changing the saturation by 10% instead.

 123, 162, 170


255, 255, 255


 177, 217, 225


 204, 245, 254

 233, 255, 255

 123, 162, 170

 97, 136, 144

 72, 110, 118

 48, 86, 93

 23, 63, 70

 0, 41, 47

 0, 21, 27

 0, 0, 0

 123, 162, 170

 106, 159, 170

 123, 162, 170

 140, 165, 170

89, 156, 170

157, 168, 170

72, 153, 170

174, 171, 170

55, 150, 170

191, 174, 170

38, 148, 170

208, 176, 170

21, 145, 170

225, 179, 170

4, 142, 170

242, 182, 170

0, 141, 170

255, 185, 170

255, 188, 170

Harmonies

Analogous

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



125, 163, 158



123, 162, 170



131, 159, 178

Triad

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



123, 162, 170



175, 148, 166



163, 155, 130

Complementary

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



123, 162, 170



170, 131, 123

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, 151, 133



123, 162, 170



181, 147, 153

Square

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



123, 162, 170



161, 151, 176



181, 148, 141



148, 159, 135

Rectangle

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



123, 162, 170



140, 157, 180



181, 148, 141



167, 154, 130

Sweetspot

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



123, 162, 170



204, 219, 222



123, 170, 131



101, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



123, 162, 170



149, 209, 222



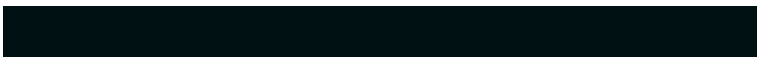
123, 139, 170



76, 83, 84



0, 123, 148



0, 17, 20

Inverse Universe

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



170, 123, 162



222, 149, 209



170, 154, 123



84, 76, 83



148, 0, 123



20, 0, 17

Previews

White Background



This preview shows how the RGB color 123, 162, 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 123, 162, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

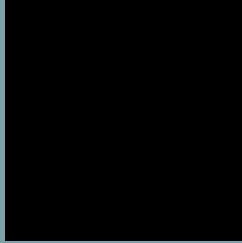
Any Text WCAG AA ✓ Pass

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 123, 162, 170 Background



This preview shows how black text looks on a background with the RGB color 123, 162, 170.

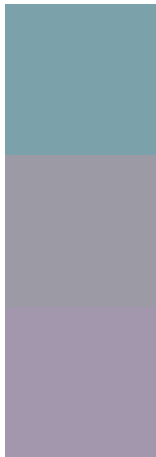


This preview shows how white text looks on a background with the RGB color 123, 162, 170.

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
123, 162, 170

Protanopia
155, 154, 165

Deuteranopia
162, 151, 172



Tritanopia
124, 161, 174

Trichromacy



Original Color

123, 162, 170

Protanomaly

143, 157, 167

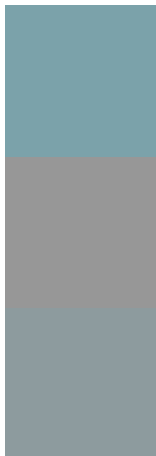
Deuteranomaly

148, 155, 171

Tritanomaly

124, 161, 173

Monochromacy



Original Color

123, 162, 170

Achromatopsia

151, 151, 151

Achromatomaly

141, 155, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 162, 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(123, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(123, 162, 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(123, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 162, 170) }
```

Border

The CSS property to change the border of an element to RGB 123, 162, 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(123, 162, 170) }
```

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

```
.border{ border-color:rgb(123, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 162, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 162, 170); box-shadow:4px 4px 4px 4px rgb(123, 162, 170) }
```

Background

The CSS property to change the background color of an element to RGB 123, 162, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 162, 170) }
```

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

```
.background{ background-color: rgb(123,  
162, 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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