

Converting Colors

RGB(128, 166, 166)

Have a look what the booklet for
RGB(128, 166, 166) contains.

RGB(128, 166, 166)	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(128, 166, 166)

Conversions

Conversions Part 1

Format	Color
Hex	80A6A6
RGB	128, 166, 166
RGB Percent	50%, 65%, 65%
CMY	0.4980, 0.3490, 0.3490
CMYK	0.23, 0.00, 0.00, 0.35
HSL	180°, 18%, 58%
HSV	180°, 23%, 65%
XYZ	29.4212, 34.6148, 41.2071
YIQ	154.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

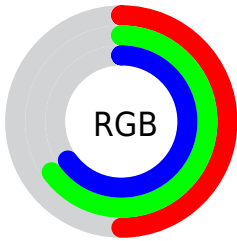
Format	Color
RYB	128, 147, 166
Decimal	8431270
CIELab	65.45, -12.84, -4.24
CIElCh	65, 13.520, 198.273
Yxy	34.6148, 0.2796, 0.3289
Android (android.graphics.Color)	4286621350 (0xFF80A6A6)
YUV	154.6380, 5.6015, -23.3615
Hunter-Lab	58.8343, -13.6978, -0.3421

Details

The RGB color **128, 166, 166** is a light color, and the websafe version is hex **669999**. A complement of this color would be **166, 128, 128**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **182, 221, 221**, and **77, 114, 114** is the 20% darker color. If you saturate the color by 10%, you get **111, 166, 166**, and if you desaturate by 10%, it is **145, 166, 166**.

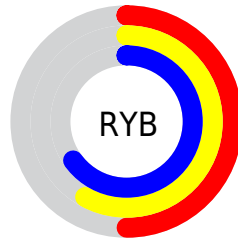
Distribution



Red (50%)

Green (65%)

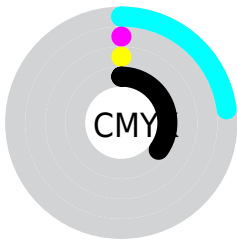
Blue (65%)



Red (50%)

Yellow (58%)

Blue (65%)

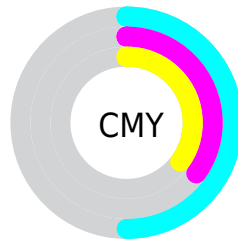


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 166, 166 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 128, 166, 166 by changing the saturation by 10% instead.

 128, 166, 166


255, 255, 255


 182, 221, 221

 210, 250, 250

 238, 255, 255

 128, 166, 166

 102, 140, 140

 77, 114, 114

 53, 89, 90

 30, 66, 66

 4, 44, 44

 0, 24, 24


 0, 0, 0


 128, 166, 166


 111, 166, 166

 128, 166, 166


 145, 166, 166


 95, 166, 166


 161, 166, 166


 78, 166, 166


 178, 166, 166


 62, 166, 166


 194, 166, 166


 45, 166, 166

 211, 166, 166

 28, 166, 166

 228, 166, 166

 12, 166, 166

 244, 166, 166

 0, 166, 166

 255, 166, 166

Harmonies

Analogous

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



135, 166, 154



128, 166, 166



130, 164, 177

Triad

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



128, 166, 166



170, 154, 175



173, 156, 135

Complementary

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



128, 166, 166



166, 128, 128

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, 141



128, 166, 166



181, 151, 164

Square

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



128, 166, 166



155, 157, 182



185, 151, 152



161, 160, 136

Rectangle

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



128, 166, 166



136, 163, 181



185, 151, 152



177, 155, 137

Sweetspot

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



128, 166, 166



202, 217, 217



128, 166, 128



101, 110, 110



237, 237, 237



110, 110, 110

Same Dimension

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



128, 166, 166



158, 217, 217



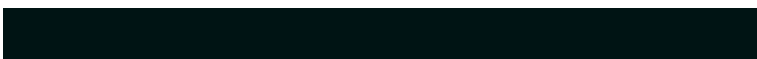
128, 147, 166



76, 84, 84



0, 148, 148



0, 20, 20

Inverse Universe

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



166, 128, 166



217, 158, 217



166, 147, 128



84, 76, 84



148, 0, 148



20, 0, 20

Previews

White Background



This preview shows how the RGB color 128, 166, 166 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 128, 166, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

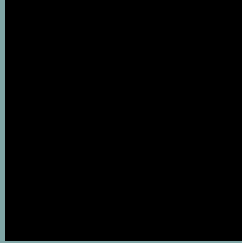
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

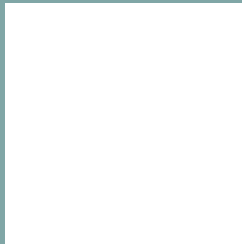
Any Text WCAG AAA ✓ Pass

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

RGB 128, 166, 166 Background



This preview shows how black text looks on a background with the RGB color 128, 166, 166.




This preview shows how white text looks on a background with the RGB color 128, 166, 166.

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](#).

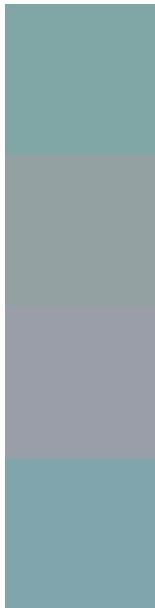
Dichromacy





Tritanopia
130, 164, 177

Trichromacy



Original Color

128, 166, 166

Protanomaly

148, 161, 163

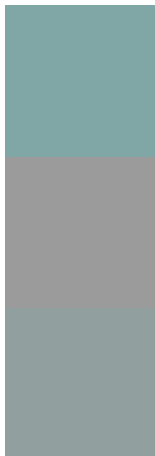
Deuteranomaly

154, 158, 168

Tritanomaly

129, 165, 173

Monochromacy



Original Color

128, 166, 166

Achromatopsia

155, 155, 155

Achromatomaly

145, 159, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 166, 166 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(128, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 166)  
}
```

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(128, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 166) }
```

Border

The CSS property to change the border of an element to RGB 128, 166, 166 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(128, 166, 166) }
```

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

```
.border{ border-color:rgb(128, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 128, 166, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 166) }
```

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

```
.background{ background-color: rgb(128,  
166, 166) }
```

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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