

Converting Colors

RGB(98, 194, 170)

Have a look what the booklet for
RGB(98, 194, 170) contains.

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Color

RGB(98, 194, 170)

Conversions

Conversions Part 1

Format	Color
Hex	62C2AA
RGB	98, 194, 170
RGB Percent	38%, 76%, 67%
CMY	0.6157, 0.2392, 0.3333
CMYK	0.49, 0.00, 0.12, 0.24
HSL	165°, 44%, 57%
HSV	165°, 49%, 76%
XYZ	31.5845, 44.0825, 44.8743
YIQ	162.5600, -49.5120, -27.8160

Conversions

Conversions Part 2

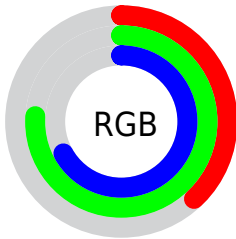
Format	Color
RYB	98, 153, 194
Decimal	6472362
CIELab	72.28, -34.21, 3.38
CIElCh	72, 34.376, 174.363
Yxy	44.0825, 0.2620, 0.3657
Android (android.graphics.Color)	4284662442 (0xFF62C2AA)
YUV	162.5600, 3.6679, -56.6191
Hunter-Lab	66.3947, -31.2768, 6.4038

Details

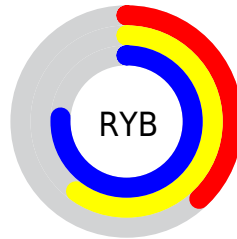
The RGB color **98, 194, 170** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **194, 98, 122**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **154, 251, 225**, and **37, 140, 118** is the 20% darker color. If you saturate the color by 10%, you get **79, 194, 165**, and if you desaturate by 10%, it is **117, 194, 175**.

Distribution



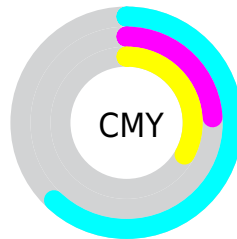
- Red (38%)
- Green (76%)
- Blue (67%)



- Red (38%)
- Yellow (60%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)


















- Cyan (62%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 194, 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 98, 194, 170 by changing the saturation by 10% instead.

 98, 194, 170	 98, 194, 170
 255, 255, 255	 69, 167, 144
 154, 251, 225	 37, 140, 118
 183, 255, 254	 0, 114, 93
 212, 255, 255	 0, 89, 70
 242, 255, 255	 0, 65, 47
	 0, 42, 27
	 0, 15, 0
	 0, 0, 0

 98, 194, 170	 98, 194, 170
--	--

■ 79, 194, 165

■ 117, 194, 175

■ 59, 194, 160

■ 137, 194, 180

■ 40, 194, 155

■ 156, 194, 185

■ 20, 194, 151

■ 176, 194, 189

■ 1, 194, 146

■ 195, 194, 194

■ 0, 194, 146

■ 214, 194, 199

■ 234, 194, 204

■ 253, 194, 209

■ 255, 194, 214

Harmonies

Analogous

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



136, 190, 140



98, 194, 170



69, 194, 202

Triad

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



98, 194, 170



173, 171, 234



228, 163, 127

Complementary

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



98, 194, 170



194, 98, 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.



239, 155, 153



98, 194, 170



212, 160, 214

Square

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



98, 194, 170



125, 182, 239



234, 154, 184



204, 173, 115

Rectangle

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



98, 194, 170



71, 192, 220



234, 154, 184



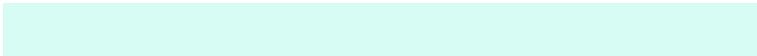
233, 159, 135

Sweetspot

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



98, 194, 170



215, 252, 243



122, 194, 98



105, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



98, 194, 170



104, 252, 215



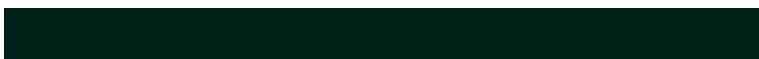
98, 170, 194



87, 97, 94



0, 161, 120



0, 33, 25

Inverse Universe

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



194, 98, 122



252, 104, 141



194, 122, 98



97, 87, 90



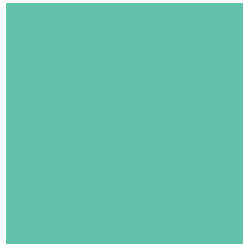
161, 0, 40



33, 0, 8

Previews

White Background



This preview shows how the RGB color 98, 194, 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 98, 194, 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

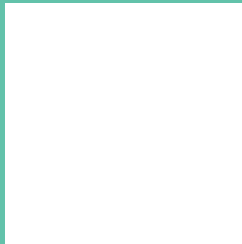
Any Text WCAG AAA ✓ Pass

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

RGB 98, 194, 170 Background



This preview shows how black text looks on a background with the RGB color 98, 194, 170.

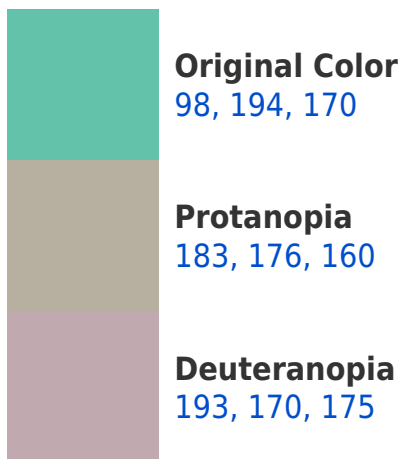


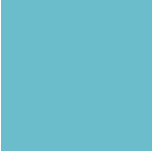
This preview shows how white text looks on a background with the RGB color 98, 194, 170.

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





Tritanopia
108, 189, 204

Trichromacy



Original Color

98, 194, 170



Protanomaly

152, 183, 164



Deuteranomaly

158, 179, 173



Tritanomaly

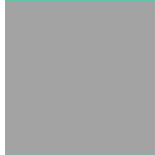
104, 191, 192

Monochromacy



Original Color

98, 194, 170



Achromatopsia

163, 163, 163



Achromatomaly

139, 174, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 194, 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(98, 194, 170)` looks like.

```
.text, #text, p{  
    color:rgb(98, 194, 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(98, 194, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 194, 170) }
```

Border

The CSS property to change the border of an element to RGB 98, 194, 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(98, 194, 170) }
```

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

```
.border{ border-color:rgb(98, 194, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 194, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 194, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 194, 170); box-shadow:4px 4px 4px 4px rgb(98, 194, 170) }
```

Background

The CSS property to change the background color of an element to RGB 98, 194, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 194, 170) }
```

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

```
.background{ background-color: rgb(98, 194,  
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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