

Converting Colors

RGB(97, 168, 173)

Have a look what the booklet for
RGB(97, 168, 173) contains.

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Color

RGB(97, 168, 173)

Conversions

Conversions Part 1

Format	Color
Hex	61A8AD
RGB	97, 168, 173
RGB Percent	38%, 66%, 68%
CMY	0.6196, 0.3412, 0.3216
CMYK	0.44, 0.03, 0.00, 0.32
HSL	184°, 32%, 53%
HSV	184°, 44%, 68%
XYZ	26.4752, 33.5638, 44.6182
YIQ	147.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

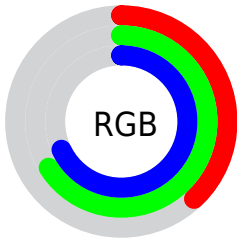
Format	Color
RYB	97, 134, 173
Decimal	6400173
CIELab	64.61, -20.94, -9.56
CIElCh	65, 23.017, 204.545
Yxy	33.5638, 0.2530, 0.3207
Android (android.graphics.Color)	4284590253 (0xFF61A8AD)
YUV	147.3410, 12.6499, -44.1491
Hunter-Lab	57.9343, -19.8127, -5.1084

Details

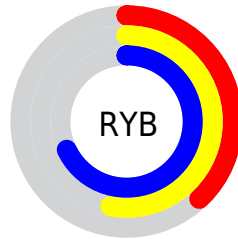
The RGB color **97, 168, 173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **173, 102, 97**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **152, 223, 228**, and **41, 116, 121** is the 20% darker color. If you saturate the color by 10%, you get **80, 167, 173**, and if you desaturate by 10%, it is **114, 169, 173**.

Distribution



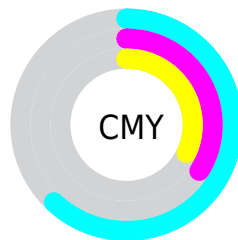
- Red (38%)
- Green (66%)
- Blue (68%)



- Red (38%)
- Yellow (53%)
- Blue (68%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)




- Cyan (62%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 168, 173 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 97, 168, 173 by changing the saturation by 10% instead.

 97, 168, 173


255, 255, 255


 152, 223, 228


 180, 252, 255

 209, 255, 255

 238, 255, 255

 97, 168, 173

 70, 141, 146

 41, 116, 121

 0, 91, 96


 0, 67, 72


 0, 45, 50

 0, 26, 29

 0, 0, 1

 0, 0, 0

 97, 168, 173

 97, 168, 173

■ 80, 167, 173

■ 114, 169, 173

■ 62, 166, 173

■ 132, 170, 173

■ 45, 165, 173

■ 149, 171, 173

■ 28, 163, 173

■ 166, 173, 173

■ 11, 162, 173

■ 184, 174, 173

■ 0, 162, 173

■ 201, 175, 173

■ 218, 176, 173

■ 235, 177, 173

■ 253, 178, 173

Harmonies

Analogous

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



109, 168, 152



97, 168, 173



103, 165, 190

Triad

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



97, 168, 173



180, 146, 181



175, 154, 116

Complementary

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



97, 168, 173



173, 102, 97

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.



191, 147, 124



97, 168, 173



195, 142, 161

Square

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



97, 168, 173



155, 153, 194



199, 143, 141



154, 161, 119

Rectangle

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



97, 168, 173



118, 162, 196



199, 143, 141



182, 152, 118

Sweetspot

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



97, 168, 173



195, 222, 224



97, 173, 101



94, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



97, 168, 173



105, 217, 224



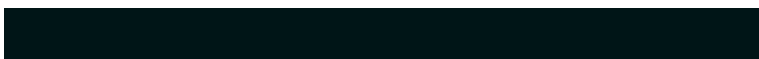
97, 131, 173



78, 86, 87



0, 141, 150



0, 21, 23

Inverse Universe

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



173, 97, 168



224, 105, 217



173, 139, 97



87, 78, 86



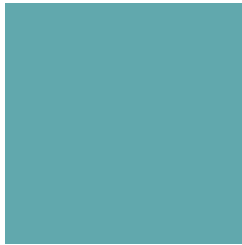
150, 0, 141



23, 0, 21

Previews

White Background



This preview shows how the RGB color 97, 168, 173 looks on a white background.

Color Contrast Check

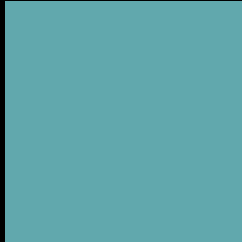
Large Text (above 18pt) WCAG AA × Fail

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 97, 168, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

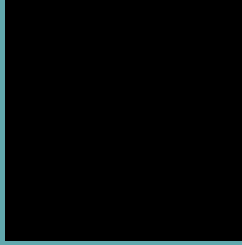
Any Text WCAG AA ✓ Pass

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 97, 168, 173 Background



This preview shows how black text looks on a background with the RGB color 97, 168, 173.

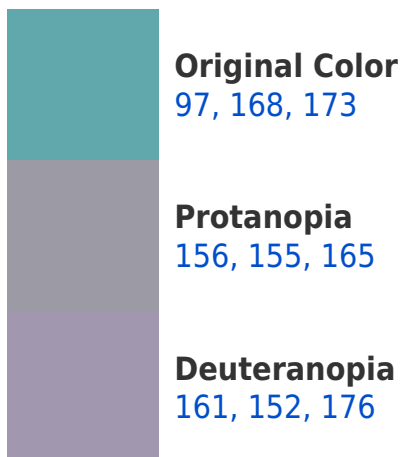


This preview shows how white text looks on a background with the RGB color 97, 168, 173.

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
99, 167, 180

Trichromacy



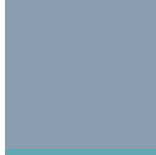
Original Color

97, 168, 173



Protanomaly

135, 160, 168



Deuteranomaly

138, 158, 175



Tritanomaly

98, 167, 177

Monochromacy



Original Color

97, 168, 173



Achromatopsia

147, 147, 147



Achromatomaly

129, 155, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 168, 173 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(97, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 168, 173)  
}
```

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(97, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 168, 173) }
```

Border

The CSS property to change the border of an element to RGB 97, 168, 173 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(97, 168, 173) }
```

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

```
.border{ border-color:rgb(97, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(97, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 168,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 97, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 168, 173) }
```

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

```
.background{ background-color: rgb(97, 168,  
173) }
```

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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