Converting Colors

RGB(150, 194, 189)

Have a look what the booklet for RGB(150, 194, 189) contains.

Color

RGB(150, 194, 189)

Conversions

Conversions Part 1

Format	Color
Hex	96C2BD
RGB	150, 194, 189
RGB Percent	59%, 76%, 74%
CMY	0.4118, 0.2392, 0.2588
CMYK	0.23, 0.00, 0.03, 0.24
HSL	173°, 27%, 67%
HSV	173°, 23%, 76%
XYZ	41.0548, 48.7417, 55.3884
YIQ	180.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

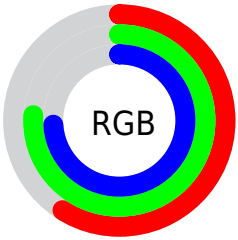
Format	Color
RYB	150, 173, 194
Decimal	9880253
CIELab	75.29, -15.53, -2.26
CIELCh	75, 15.697, 188.271
Yxy	48.7417, 0.2828, 0.3357
Android (android.graphics.Color)	4288070333 (0xFF96C2BD)
YUV	180.2740, 4.3019, -26.5503
Hunter-Lab	69.8153, -17.2101, 1.8326

Details

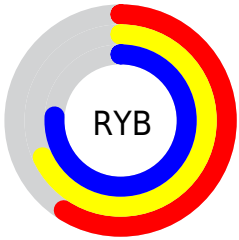
The RGB color 150, 194, 189 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 194, 150, 155, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 205, 251, 245, and 98, 140, 136 is the 20% darker color. If you saturate the color by 10%, you get 131, 194, 187, and if you desaturate by 10%, it is 169, 194, 191.

Distribution

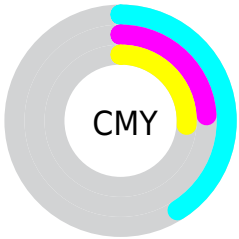


- Red (59%)
- Green (76%)
- Blue (74%)



- Red (59%)
- Yellow (68%)
- Blue (76%)

- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 194, 189 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 150, 194, 189 by changing the saturation by 10% instead.

150, 194, 189	150, 194, 189
255, 255, 255	124, 167, 162
205, 251, 245	98, 140, 136
233, 255, 255	73, 115, 110
	49, 90, 86
	24, 66, 63
	0, 44, 41
	0, 25, 21
	0, 0, 0

150, 194, 189	150, 194, 189

131, 194, 187

111, 194, 185

92, 194, 182

72, 194, 180

53, 194, 178

34, 194, 176

14, 194, 174

0, 194, 172

169, 194, 191

189, 194, 193

208, 194, 196

228, 194, 198

247, 194, 200

255, 194, 202

255, 194, 204

255, 194, 207

255, 194, 209

Harmonies

Analogous

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

161, 193, 174

150, 194, 189

149, 193, 203

Triad

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

150, 194, 189

193, 180, 208

207, 181, 159

Complementary

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

150, 194, 189

194, 150, 155

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.

215, 177, 168

150, 194, 189

208, 177, 196

Square

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

150, 194, 189

175, 185, 214

216, 175, 182

193, 186, 157

Rectangle

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

150, 194, 189

154, 191, 209

216, 175, 182

210, 179, 161

Sweetspot

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

150, 194, 189

235, 252, 250

155, 194, 150

117, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

150, 194, 189

184, 252, 245

150, 177, 194

87, 97, 96

0, 161, 142

0, 33, 29

Inverse Universe

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

194, 150, 155

252, 184, 192

194, 167, 150

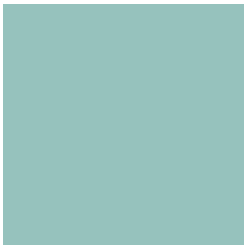
97, 87, 88

161, 0, 18

33, 0, 4

Previews

White Background

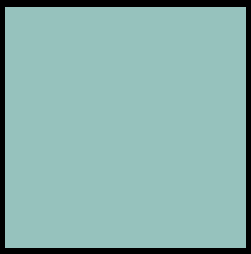


This preview shows how the RGB color 150, 194, 189 looks on a white background.

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



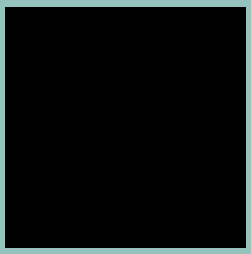
This preview shows how the RGB color 150, 194, 189 looks on a black background.

Color Contrast Check

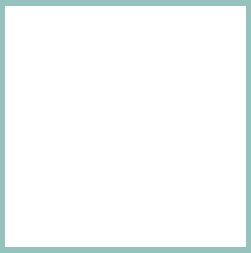
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 150, 194, 189 Background



This preview shows how black text looks on a background with the RGB color 150, 194, 189.



This preview shows how white text looks on a background with the RGB color 150, 194, 189.

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

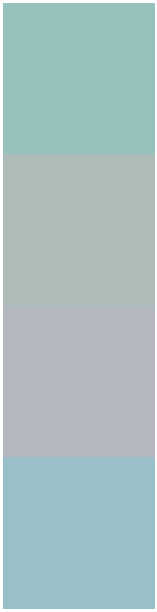
Original Color
150, 194, 189

Protanopia
188, 184, 183

Deuteranopia
200, 179, 192

Tritanopia
154, 191, 207

Trichromacy



Original Color
150, 194, 189

Protanomaly
174, 188, 185

Deuteranomaly
182, 184, 191

Tritanomaly
153, 192, 200

Monochromacy

Original Color
150, 194, 189

Achromatopsia
180, 180, 180

Achromatomaly
169, 185, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 194, 189 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(150, 194, 189) looks like.

```
.text, #text, p{
    color:rgb(150, 194, 189)
}
```

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(150, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 189) }
```

Border

The CSS property to change the border of an element to RGB 150, 194, 189 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(150, 194, 189) }
```

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

```
.border{ border-color:rgb(150, 194, 189) }
```

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

Here you see how a box with a 4 pixel rgb(150, 194, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 194, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 194, 189); box-shadow:4px 4px 4px 4px rgb(150, 194, 189) }
```

Background

The CSS property to change the background color of an element to RGB 150, 194, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(150, 194, 189) }
```

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

```
.background{ background-color:rgb(150,
194, 189) }
```

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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