Converting Colors

RGB(125, 196, 186)

Have a look what the booklet for RGB(125, 196, 186) contains.

Color

RGB(125, 196, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7DC4BA
RGB	125, 196, 186
RGB Percent	49%, 77%, 73%
CMY	0.5098, 0.2314, 0.2706
CMYK	0.36, 0.00, 0.05, 0.23
HSL	172°, 38%, 63%
HSV	172°, 36%, 77%
XYZ	37.0603, 47.3850, 53.6473
YIQ	173.6310, -39.1060, -18.1620

Conversions

Conversions Part 2

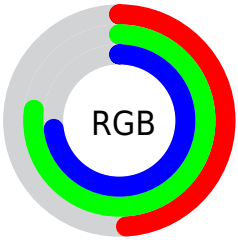
Format	Color
RYB	125, 163, 196
Decimal	8242362
CIELab	74.44, -24.53, -2.04
CIELCh	74, 24.612, 184.758
Yxy	47.3850, 0.2684, 0.3431
Android (android.graphics.Color)	4286432442 (0xFF7DC4BA)
YUV	173.6310, 6.0979, -42.6494
Hunter-Lab	68.8368, -24.3636, 1.9786

Details

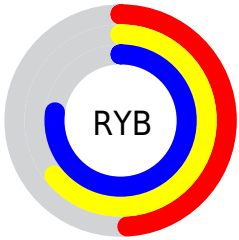
The RGB color 125, 196, 186 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 196, 125, 135, and the grayscale version is 174, 174, 174.

A 20% lighter version of the original color is 180, 253, 242, and 71, 142, 133 is the 20% darker color. If you saturate the color by 10%, you get 105, 196, 183, and if you desaturate by 10%, it is 145, 196, 189.

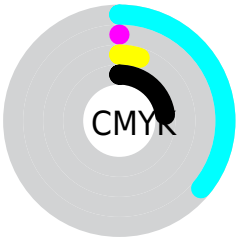
Distribution



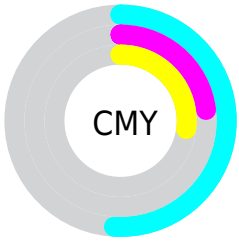
- Red (49%)
- Green (77%)
- Blue (73%)



- Red (49%)
- Yellow (64%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 196, 186 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 125, 196, 186 by changing the saturation by 10% instead.

125, 196, 186

255, 255, 255

180, 253, 242

209, 255, 255

238, 255, 255

125, 196, 186

98, 169, 159

71, 142, 133

44, 116, 108

9, 91, 84

0, 67, 61

0, 45, 39

0, 25, 18

0, 0, 0

125, 196, 186

125, 196, 186

105, 196, 183

86, 196, 180

66, 196, 178

47, 196, 175

27, 196, 172

7, 196, 169

0, 196, 168

145, 196, 189

164, 196, 192

184, 196, 194

203, 196, 197

223, 196, 200

243, 196, 203

255, 196, 205

255, 196, 208

255, 196, 211

Harmonies

Analogous

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

146, 194, 163

125, 196, 186

118, 195, 208

Triad

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

125, 196, 186

191, 176, 220

216, 175, 143

Complementary

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

125, 196, 186

196, 125, 135

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.

228, 169, 158

125, 196, 186

215, 170, 203

Square

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

125, 196, 186

161, 184, 228

228, 167, 180

196, 183, 138

Rectangle

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

125, 196, 186

126, 192, 219

228, 167, 180

221, 173, 147

Sweetspot

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

125, 196, 186

227, 255, 251

136, 196, 125

111, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

125, 196, 186

145, 255, 240

125, 171, 196

87, 97, 96

0, 161, 138

0, 33, 28

Inverse Universe

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

196, 125, 135

255, 145, 161

196, 150, 125

97, 87, 89

161, 0, 23

33, 0, 5

Previews

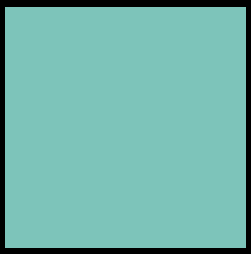
White Background

This preview shows how the RGB color 125, 196, 186 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



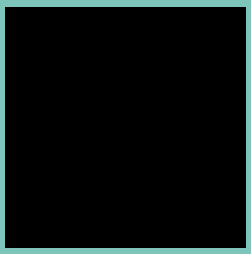
This preview shows how the RGB color 125, 196, 186 looks on a black background.

Color Contrast Check

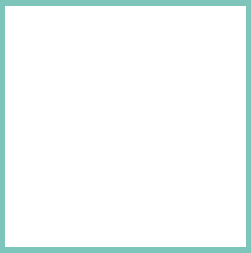
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 125, 196, 186 Background



This preview shows how black text looks on a background with the RGB color 125, 196, 186.



This preview shows how white text looks on a background with the RGB color 125, 196, 186.

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

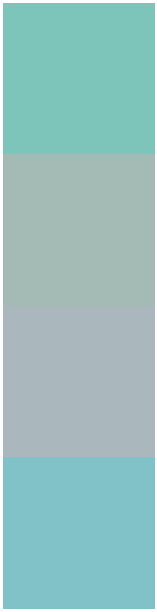
Original Color
125, 196, 186

Protanopia
187, 181, 178

Deuteranopia
196, 177, 190

Tritanopia
131, 193, 208

Trichromacy



Original Color
125, 196, 186

Protanomaly
164, 186, 181

Deuteranomaly
170, 184, 189

Tritanomaly
129, 194, 200

Monochromacy

Original Color
125, 196, 186

Achromatopsia
174, 174, 174

Achromatomaly
156, 182, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 196, 186 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(125, 196, 186) looks like.

```
.text, #text, p{
    color:rgb(125, 196, 186)
}
```

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(125, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 196, 186) }
```

Border

The CSS property to change the border of an element to RGB 125, 196, 186 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(125, 196, 186) }
```

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

```
.border{ border-color:rgb(125, 196, 186) }
```

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

Here you see how a box with a 4 pixel rgb(125, 196, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 196, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 196, 186); box-shadow:4px 4px 4px 4px rgb(125, 196, 186) }
```

Background

The CSS property to change the background color of an element to RGB 125, 196, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 196, 186) }
```

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

```
.background{ background-color:rgb(125,
196, 186) }
```

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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