

Converting Colors

RGB(142, 198, 183)

Have a look what the booklet for
RGB(142, 198, 183) contains.

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Color

RGB(142, 198, 183)

Conversions

Conversions Part 1

Format	Color
Hex	8EC6B7
RGB	142, 198, 183
RGB Percent	56%, 78%, 72%
CMY	0.4431, 0.2235, 0.2824
CMYK	0.28, 0.00, 0.08, 0.22
HSL	164°, 33%, 67%
HSV	164°, 28%, 78%
XYZ	39.8967, 49.5578, 52.2626
YIQ	179.5460, -28.5610, -16.5370

Conversions

Conversions Part 2

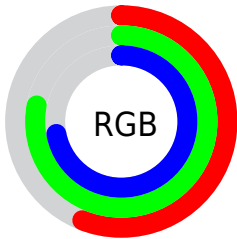
Format	Color
RYB	142, 174, 198
Decimal	9356983
CIELab	75.80, -21.31, 1.68
CIElCh	76, 21.372, 175.499
Yxy	49.5578, 0.2815, 0.3497
Android (android.graphics.Color)	4287547063 (0xFF8EC6B7)
YUV	179.5460, 1.7028, -32.9278
Hunter-Lab	70.3973, -22.0331, 5.2616

Details

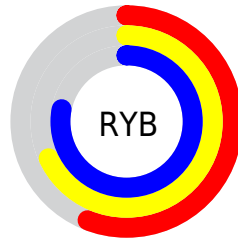
The RGB color **142, 198, 183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 142, 157**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **197, 255, 239**, and **90, 144, 130** is the 20% darker color. If you saturate the color by 10%, you get **122, 198, 178**, and if you desaturate by 10%, it is **162, 198, 188**.

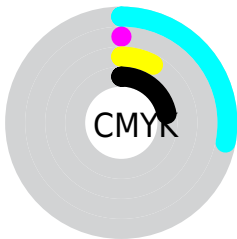
Distribution



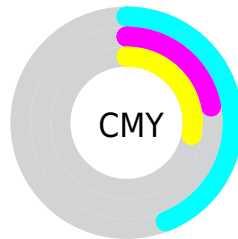
- Red (56%)
- Green (78%)
- Blue (72%)



- Red (56%)
- Yellow (68%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 198, 183 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 142, 198, 183 by changing the saturation by 10% instead.

 142, 198, 183

255, 255, 255


 197, 255, 239


 225, 255, 255

254, 255, 255


 142, 198, 183

 116, 171, 156

 90, 144, 130

 64, 118, 105

 39, 93, 81

 11, 69, 58

 0, 47, 36

 0, 28, 15


 0, 0, 0


 142, 198, 183


 142, 198, 183


 122, 198, 178


 162, 198, 188


 102, 198, 172


 182, 198, 194


 83, 198, 167


 201, 198, 199

 63, 198, 162

 221, 198, 204

 43, 198, 156

 241, 198, 210

 23, 198, 151

 255, 198, 215

 3, 198, 146

 255, 198, 220

 0, 198, 145

 255, 198, 225

 255, 198, 231

Harmonies

Analogous

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



161, 196, 164



142, 198, 183



133, 198, 203

Triad

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



142, 198, 183



186, 183, 222



221, 178, 155

Complementary

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



142, 198, 183



198, 142, 157

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, 174, 171



142, 198, 183



210, 177, 209

Square

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



142, 198, 183



160, 189, 226



224, 173, 191



205, 184, 148

Rectangle

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



142, 198, 183



135, 196, 214



224, 173, 191



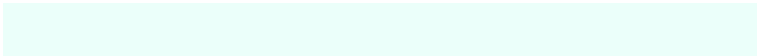
224, 176, 160

Sweetspot

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



142, 198, 183



235, 255, 250



158, 198, 142



115, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



142, 198, 183



168, 255, 232



142, 186, 198



90, 99, 97



0, 163, 119



0, 36, 26

Inverse Universe

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



198, 142, 157



255, 168, 192



198, 154, 142



99, 90, 92



163, 0, 44



36, 0, 10

Previews

White Background



This preview shows how the RGB color 142, 198, 183 looks on a white background.

Color Contrast Check

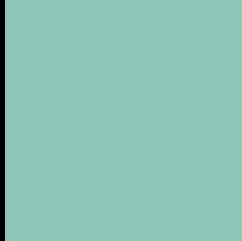
Large Text (above 18pt) WCAG AA × Fail

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 142, 198, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

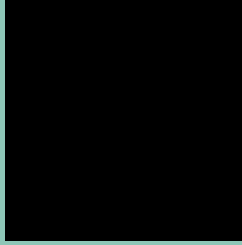
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

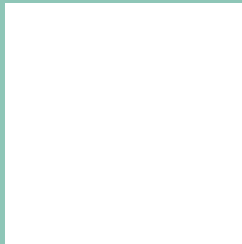
Any Text WCAG AAA ✓ Pass

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

RGB 142, 198, 183 Background



This preview shows how black text looks on a background with the RGB color 142, 198, 183.

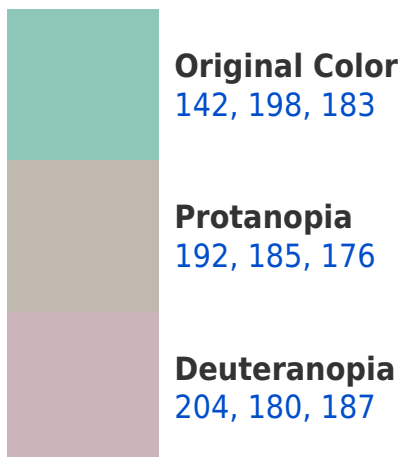


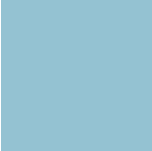
This preview shows how white text looks on a background with the RGB color 142, 198, 183.

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
148, 194, 210

Trichromacy



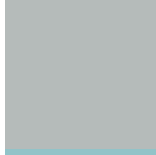
Original Color

142, 198, 183



Protanomaly

174, 190, 179



Deuteranomaly

181, 187, 186



Tritanomaly

146, 195, 200

Monochromacy



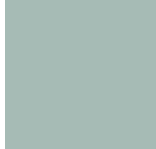
Original Color

142, 198, 183



Achromatopsia

180, 180, 180



Achromatomaly

166, 187, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 198, 183 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(142, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 198, 183)  
}
```

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(142, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 198, 183) }
```

Border

The CSS property to change the border of an element to RGB 142, 198, 183 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(142, 198, 183) }
```

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

```
.border{ border-color:rgb(142, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 198, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 198, 183); box-shadow:4px 4px 4px 4px rgb(142, 198, 183) }
```

Background

The CSS property to change the background color of an element to RGB 142, 198, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 198, 183) }
```

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

```
.background{ background-color: rgb(142,  
198, 183) }
```

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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