

Converting Colors

RGB(149, 186, 180)

Have a look what the booklet for
RGB(149, 186, 180) contains.

RGB(149, 186, 180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 186, 180)

Conversions

Conversions Part 1

Format	Color
Hex	95BAB4
RGB	149, 186, 180
RGB Percent	58%, 73%, 71%
CMY	0.4157, 0.2706, 0.2941
CMYK	0.20, 0.00, 0.03, 0.27
HSL	170°, 21%, 66%
HSV	170°, 20%, 73%
XYZ	38.1916, 44.8027, 49.8149
YIQ	174.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

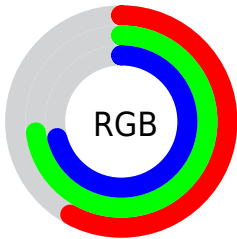
Format	Color
R _Y B	149, 169, 186
Decimal	9812660
CIE Lab	72.76, -13.63, -1.07
CIE LCh	73, 13.676, 184.496
Yxy	44.8027, 0.2876, 0.3373
Android (android.graphics.Color)	4288002740 (0xFF95BAB4)
YUV	174.2530, 2.8333, -22.1469
Hunter-Lab	66.9348, -15.2876, 2.7289

Details

The RGB color **149, 186, 180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186, 149, 155**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **204, 242, 236**, and **97, 133, 127** is the 20% darker color. If you saturate the color by 10%, you get **130, 186, 177**, and if you desaturate by 10%, it is **168, 186, 183**.

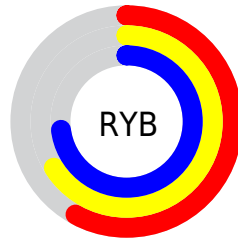
Distribution



Red (58%)

Green (73%)

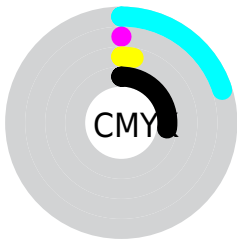
Blue (71%)



Red (58%)

Yellow (66%)

Blue (73%)

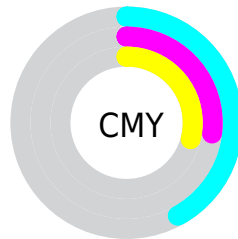


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 186, 180 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 149, 186, 180 by changing the saturation by 10% instead.


 149, 186, 180


255, 255, 255


 204, 242, 236

 232, 255, 255

 149, 186, 180

 123, 159, 153

 97, 133, 127

 73, 108, 102

 49, 83, 78

 26, 60, 56

 3, 38, 34

 0, 18, 12

 0, 0, 0

 149, 186, 180


 149, 186, 180

 130, 186, 177


 168, 186, 183

 112, 186, 174


 186, 186, 186


 93, 186, 171


 205, 186, 189

 75, 186, 168


 223, 186, 192

 56, 186, 165

 242, 186, 195

 37, 186, 162

 255, 186, 198

 19, 186, 159

 255, 186, 201

 0, 186, 156

 255, 186, 204

 0, 186, 156

 255, 186, 207

Harmonies

Analogous

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



159, 185, 167



149, 186, 180



147, 185, 192

Triad

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



149, 186, 180



183, 175, 199



198, 174, 156

Complementary

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



149, 186, 180



186, 149, 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.



205, 171, 165



149, 186, 180



197, 171, 190

Square

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



149, 186, 180



167, 179, 203



204, 170, 177



187, 178, 154

Rectangle

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



149, 186, 180



150, 184, 198



204, 170, 177



201, 173, 159

Sweetspot

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



149, 186, 180



228, 242, 240



155, 186, 149



114, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



149, 186, 180



184, 242, 233



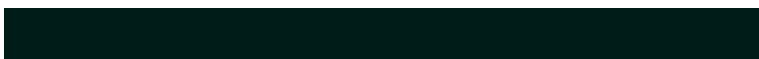
149, 174, 186



83, 92, 90



0, 156, 130



0, 28, 24

Inverse Universe

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



186, 149, 155



242, 184, 194



186, 161, 149



92, 83, 84



156, 0, 25



28, 0, 5

Previews

White Background



This preview shows how the RGB color 149, 186, 180 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 149, 186, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

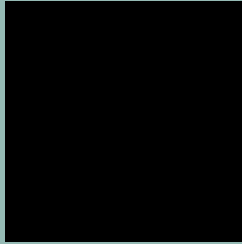
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

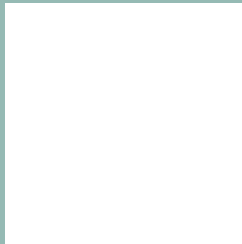
Any Text WCAG AAA ✓ Pass

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

RGB 149, 186, 180 Background



This preview shows how black text looks on a background with the RGB color 149, 186, 180.



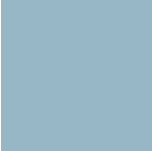
This preview shows how white text looks on a background with the RGB color 149, 186, 180.

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](#).

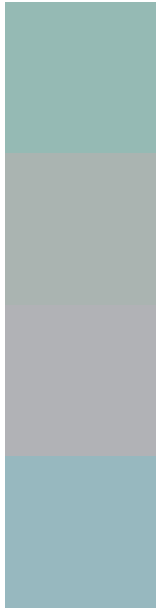
Dichromacy





Tritanopia
152, 183, 198

Trichromacy



Original Color

149, 186, 180

Protanomaly

170, 180, 177

Deuteranomaly

177, 178, 182

Tritanomaly

151, 184, 191

Monochromacy



Original Color

149, 186, 180

Achromatopsia

174, 174, 174

Achromatomaly

165, 178, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 186, 180 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(149, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 180)  
}
```

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(149, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 180) }
```

Border

The CSS property to change the border of an element to RGB 149, 186, 180 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(149, 186, 180) }
```

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

```
.border{ border-color:rgb(149, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 149, 186, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 180) }
```

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

```
.background{ background-color: rgb(149,  
186, 180) }
```

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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