

Converting Colors

RGB(147, 198, 182)

Have a look what the booklet for
RGB(147, 198, 182) contains.

RGB(147, 198, 182)	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(147, 198, 182)

Conversions

Conversions Part 1

Format	Color
Hex	93C6B6
RGB	147, 198, 182
RGB Percent	58%, 78%, 71%
CMY	0.4235, 0.2235, 0.2863
CMYK	0.26, 0.00, 0.08, 0.22
HSL	161°, 31%, 68%
HSV	161°, 26%, 78%
XYZ	40.6702, 49.9686, 51.7573
YIQ	180.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

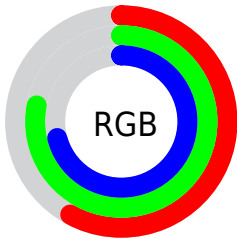
Format	Color
RYB	147, 177, 198
Decimal	9684662
CIELab	76.05, -19.99, 2.62
CIElCh	76, 20.163, 172.535
Yxy	49.9686, 0.2856, 0.3509
Android (android.graphics.Color)	4287874742 (0xFF93C6B6)
YUV	180.9270, 0.5290, -29.7540
Hunter-Lab	70.6885, -21.0059, 6.0704

Details

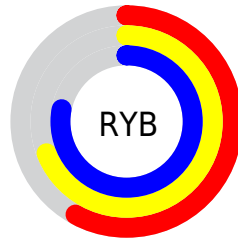
The RGB color **147, 198, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 147, 163**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **202, 255, 238**, and **95, 144, 129** is the 20% darker color. If you saturate the color by 10%, you get **127, 198, 176**, and if you desaturate by 10%, it is **167, 198, 188**.

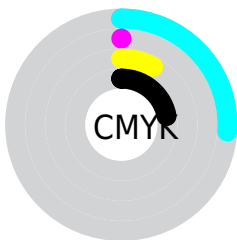
Distribution



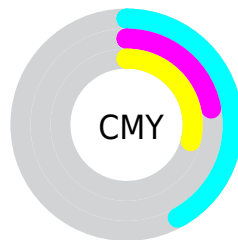
- Red (58%)
- Green (78%)
- Blue (71%)



- Red (58%)
- Yellow (69%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 198, 182 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 147, 198, 182 by changing the saturation by 10% instead.

 147, 198, 182


255, 255, 255


 202, 255, 238

 230, 255, 255

 147, 198, 182

 121, 171, 155

 95, 144, 129

 70, 118, 104

 45, 93, 80

 20, 70, 57


 0, 47, 36

 0, 28, 14


 0, 0, 0

 147, 198, 182


 147, 198, 182

 127, 198, 176


 167, 198, 188


 107, 198, 170


 187, 198, 194

 88, 198, 163


 206, 198, 201

 68, 198, 157

 226, 198, 207

 48, 198, 151

 246, 198, 213

 28, 198, 145

 255, 198, 219

 8, 198, 139

 255, 198, 225

 0, 198, 136

 255, 198, 232

 255, 198, 238

Harmonies

Analogous

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



166, 195, 164



147, 198, 182



137, 198, 201

Triad

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



147, 198, 182



185, 184, 222



221, 179, 159

Complementary

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



147, 198, 182



198, 147, 163

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.



227, 175, 174



147, 198, 182



207, 178, 210

Square

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



147, 198, 182



160, 191, 224



222, 175, 193



206, 185, 151

Rectangle

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



147, 198, 182



139, 197, 212



222, 175, 193



224, 177, 163

Sweetspot

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



147, 198, 182



235, 255, 249



163, 198, 147



115, 128, 124



0, 0, 0



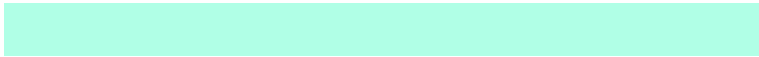
128, 128, 128

Same Dimension

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



147, 198, 182



176, 255, 230



147, 189, 198



90, 99, 96



0, 163, 112



0, 36, 25

Inverse Universe

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



198, 147, 163



255, 176, 201



198, 156, 147



99, 90, 93



163, 0, 51



36, 0, 11

Previews

White Background



This preview shows how the RGB color 147, 198, 182 looks on a white background.

Color Contrast Check

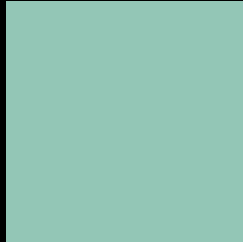
Large Text (above 18pt) WCAG AA × Fail

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 147, 198, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

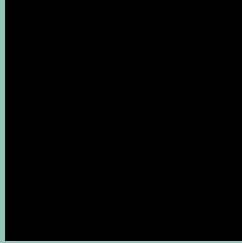
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

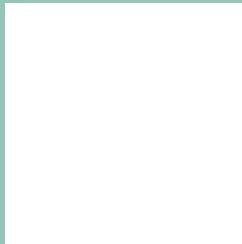
Any Text WCAG AAA ✓ Pass

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

RGB 147, 198, 182 Background



This preview shows how black text looks on a background with the RGB color 147, 198, 182.

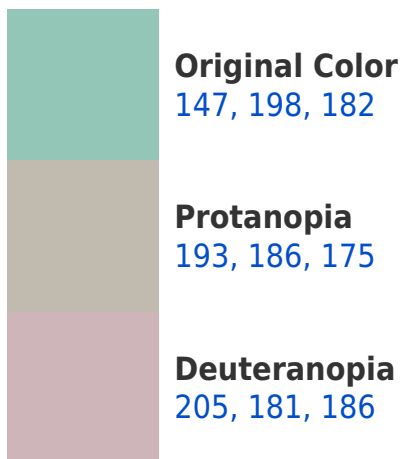


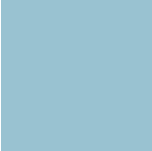
This preview shows how white text looks on a background with the RGB color 147, 198, 182.

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](#).

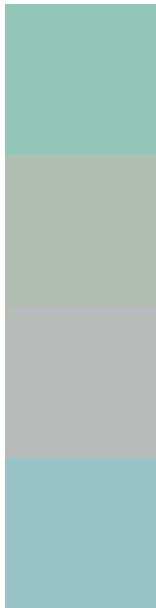
Dichromacy





Tritanopia
153, 194, 209

Trichromacy



Original Color
147, 198, 182

Protanomaly
176, 190, 178

Deuteranomaly
184, 187, 185

Tritanomaly
151, 195, 199

Monochromacy



Original Color
147, 198, 182

Achromatopsia
181, 181, 181

Achromatomaly
169, 187, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 198, 182 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(147, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 182)  
}
```

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(147, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 182) }
```

Border

The CSS property to change the border of an element to RGB 147, 198, 182 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(147, 198, 182) }
```

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

```
.border{ border-color:rgb(147, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 147, 198, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 182) }
```

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

```
.background{ background-color: rgb(147,  
198, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor