

Converting Colors

RGB(146, 194, 176)

Have a look what the booklet for
RGB(146, 194, 176) contains.

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Color

RGB(146, 194, 176)

Conversions

Conversions Part 1

Format	Color
Hex	92C2B0
RGB	146, 194, 176
RGB Percent	57%, 76%, 69%
CMY	0.4275, 0.2392, 0.3098
CMYK	0.25, 0.00, 0.09, 0.24
HSL	158°, 28%, 67%
HSV	158°, 25%, 76%
XYZ	38.9823, 47.8292, 48.2517
YIQ	177.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

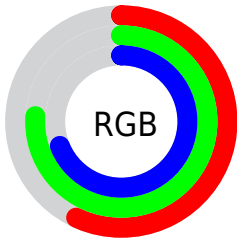
Format	Color
RYB	146, 176, 194
Decimal	9618096
CIELab	74.72, -19.53, 3.93
CIELCh	75, 19.923, 168.629
Yxy	47.8292, 0.2886, 0.3541
Android (android.graphics.Color)	4287808176 (0xFF92C2B0)
YUV	177.5960, -0.7868, -27.7097
Hunter-Lab	69.1586, -20.4133, 7.0447

Details

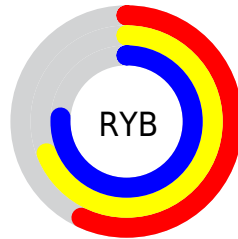
The RGB color **146, 194, 176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 146, 164**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **201, 251, 232**, and **94, 140, 124** is the 20% darker color. If you saturate the color by 10%, you get **127, 194, 169**, and if you desaturate by 10%, it is **165, 194, 183**.

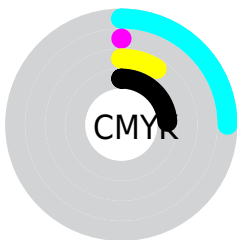
Distribution



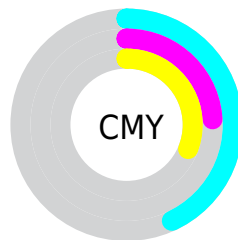
- Red (57%)
- Green (76%)
- Blue (69%)



- Red (57%)
- Yellow (69%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (43%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 194, 176 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 146, 194, 176 by changing the saturation by 10% instead.


 146, 194, 176


255, 255, 255

 201, 251, 232

 229, 255, 255


 146, 194, 176

 120, 167, 149

 94, 140, 124

 69, 115, 99

 45, 90, 75


 21, 66, 52


 0, 44, 31

 0, 25, 7


 0, 0, 0

 146, 194, 176


 146, 194, 176

 127, 194, 169


 165, 194, 183

 107, 194, 161


 185, 194, 191


 88, 194, 154


 204, 194, 198

 68, 194, 147


 224, 194, 205

 49, 194, 140

 243, 194, 212

 30, 194, 132

 255, 194, 220

 10, 194, 125

 255, 194, 227

 0, 194, 121

 255, 194, 234

 255, 194, 241

Harmonies

Analogous

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



165, 191, 159



146, 194, 176



135, 194, 195

Triad

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



146, 194, 176



178, 182, 218



218, 175, 157

Complementary

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



146, 194, 176



194, 146, 164

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.



222, 171, 173



146, 194, 176



201, 176, 208

Square

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



146, 194, 176



154, 188, 219



216, 172, 192



205, 180, 148

Rectangle

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



146, 194, 176



135, 193, 206



216, 172, 192



220, 173, 162

Sweetspot

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



146, 194, 176



235, 252, 246



164, 194, 146



117, 128, 124



0, 0, 0



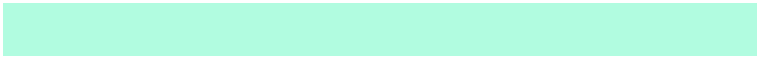
128, 128, 128

Same Dimension

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



146, 194, 176



177, 252, 224



146, 188, 194



87, 97, 93



0, 161, 100



0, 33, 21

Inverse Universe

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



194, 146, 164



252, 177, 205



194, 152, 146



97, 87, 91



161, 0, 60



33, 0, 12

Previews

White Background



This preview shows how the RGB color 146, 194, 176 looks on a white background.

Color Contrast Check

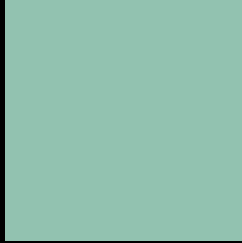
Large Text (above 18pt) WCAG AA × Fail

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 146, 194, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

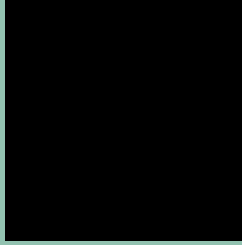
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

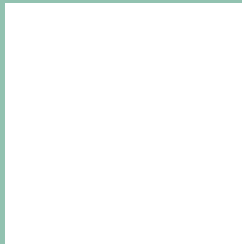
Any Text WCAG AAA ✓ Pass

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

RGB 146, 194, 176 Background



This preview shows how black text looks on a background with the RGB color 146, 194, 176.

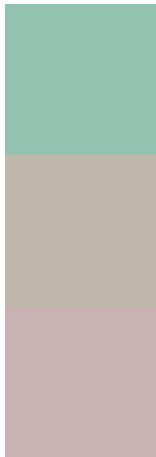


This preview shows how white text looks on a background with the RGB color 146, 194, 176.

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](#).

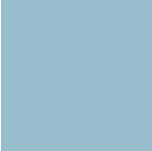
Dichromacy



Original Color
146, 194, 176

Protanopia
190, 183, 170

Deuteranopia
202, 177, 179



Tritanopia
152, 190, 205

Trichromacy



Original Color

146, 194, 176

Protanomaly

174, 187, 172

Deuteranomaly

182, 183, 178

Tritanomaly

150, 191, 194

Monochromacy



Original Color

146, 194, 176

Achromatopsia

178, 178, 178

Achromatomaly

166, 184, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 194, 176 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(146, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 176)  
}
```

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(146, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 176) }
```

Border

The CSS property to change the border of an element to RGB 146, 194, 176 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(146, 194, 176) }
```

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

```
.border{ border-color:rgb(146, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(146, 194,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 146, 194, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 194, 176) }
```

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

```
.background{ background-color: rgb(146,  
194, 176) }
```

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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