

Converting Colors

RGB(166, 193, 193)

Have a look what the booklet for
RGB(166, 193, 193) contains.

RGB(166, 193, 193)	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(166, 193, 193)

Conversions

Conversions Part 1

Format	Color
Hex	A6C1C1
RGB	166, 193, 193
RGB Percent	65%, 76%, 76%
CMY	0.3490, 0.2431, 0.2431
CMYK	0.14, 0.00, 0.00, 0.24
HSL	180°, 18%, 70%
HSV	180°, 14%, 76%
XYZ	44.4215, 50.0972, 57.7805
YIQ	184.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

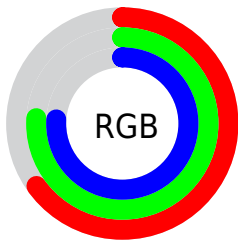
Format	Color
RYB	166, 180, 193
Decimal	10928577
CIELab	76.13, -9.09, -3.08
CIElCh	76, 9.594, 198.716
Yxy	50.0972, 0.2917, 0.3289
Android (android.graphics.Color)	4289118657 (0xFFA6C1C1)
YUV	184.9270, 3.9800, -16.5990
Hunter-Lab	70.7794, -11.8364, 1.1443

Details

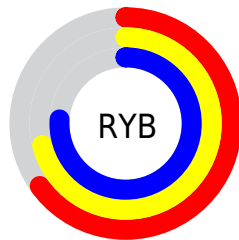
The RGB color **166, 193, 193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193, 166, 166**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **221, 249, 249**, and **114, 139, 140** is the 20% darker color. If you saturate the color by 10%, you get **147, 193, 193**, and if you desaturate by 10%, it is **185, 193, 193**.

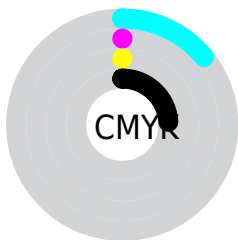
Distribution



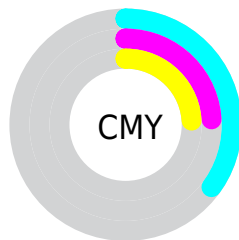
- Red (65%)
- Green (76%)
- Blue (76%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 193, 193 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 166, 193, 193 by changing the saturation by 10% instead.

 166, 193, 193


255, 255, 255


 221, 249, 249

 250, 255, 255

 166, 193, 193

 139, 166, 166

 114, 139, 140

 89, 114, 114

 65, 89, 90

 42, 66, 66

 20, 44, 44

 0, 24, 24

 0, 0, 0

 166, 193, 193

 166, 193, 193

■ 147, 193, 193

■ 185, 193, 193

■ 127, 193, 193

■ 205, 193, 193

■ 108, 193, 193

■ 224, 193, 193

■ 89, 193, 193

■ 243, 193, 193

■ 70, 193, 193

■ 255, 193, 193

■ 50, 193, 193

■ 31, 193, 193

■ 12, 193, 193

■ 0, 193, 193

Harmonies

Analogous

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



170, 193, 184



166, 193, 193



168, 192, 201

Triad

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



166, 193, 193



196, 184, 199



199, 186, 171

Complementary

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



166, 193, 193



193, 166, 166

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, 183, 175



166, 193, 193



204, 182, 191

Square

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



166, 193, 193



185, 187, 204



207, 182, 182



189, 189, 171

Rectangle

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



166, 193, 193



172, 190, 204



207, 182, 182



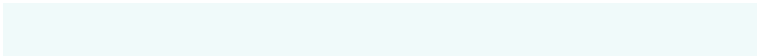
201, 185, 171

Sweetspot

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



166, 193, 193



240, 250, 250



166, 193, 166



119, 125, 125



252, 252, 252



125, 125, 125

Same Dimension

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



166, 193, 193



207, 250, 250



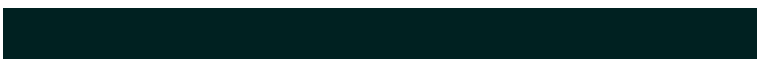
166, 179, 193



87, 97, 97



0, 161, 161



0, 33, 33

Inverse Universe

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



193, 166, 193



250, 207, 250



193, 179, 166



97, 87, 97



161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 166, 193, 193 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 166, 193, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

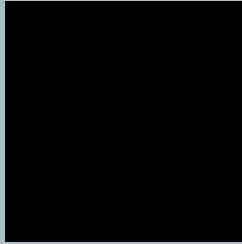
Any Text WCAG AA ✓ Pass

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 166, 193, 193 Background



This preview shows how black text looks on a background with the RGB color 166, 193, 193.

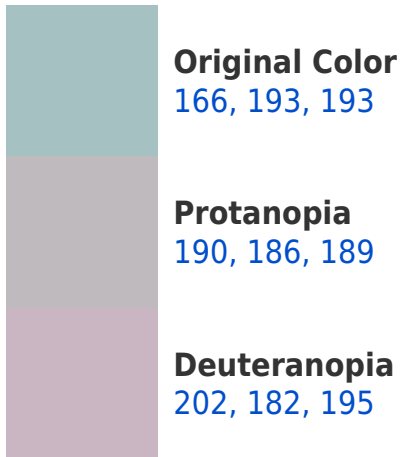


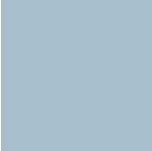
This preview shows how white text looks on a background with the RGB color 166, 193, 193.

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
168, 191, 206

Trichromacy



Original Color

166, 193, 193

Protanomaly

181, 189, 190

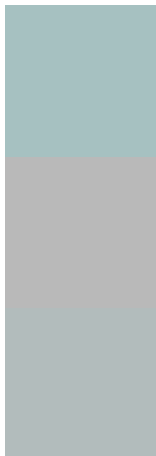
Deuteranomaly

189, 186, 194

Tritanomaly

167, 192, 201

Monochromacy



Original Color

166, 193, 193

Achromatopsia

185, 185, 185

Achromatomaly

178, 188, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 193, 193 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(166, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 193, 193)  
}
```

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(166, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 193, 193) }
```

Border

The CSS property to change the border of an element to RGB 166, 193, 193 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(166, 193, 193) }
```

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

```
.border{ border-color:rgb(166, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 193,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 166, 193, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 193, 193) }
```

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

```
.background{ background-color: rgb(166,  
193, 193) }
```

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