

Converting Colors

RGB(163, 199, 206)

Have a look what the booklet for
RGB(163, 199, 206) contains.

RGB(163, 199, 206)	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(163, 199, 206)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7CE
RGB	163, 199, 206
RGB Percent	64%, 78%, 81%
CMY	0.3608, 0.2196, 0.1922
CMYK	0.21, 0.03, 0.00, 0.19
HSL	190°, 30%, 72%
HSV	190°, 21%, 81%
XYZ	46.6683, 53.0896, 66.1802
YIQ	189.0340, -23.7030, -5.4550

Conversions

Conversions Part 2

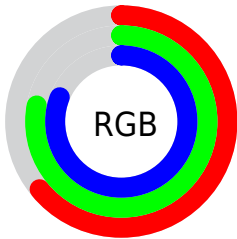
Format	Color
RYB	163, 183, 206
Decimal	10733518
CIELab	77.93, -10.41, -7.47
CIELCh	78, 12.810, 215.675
Yxy	53.0896, 0.2812, 0.3199
Android (android.graphics.Color)	4288923598 (0xFFA3C7CE)
YUV	189.0340, 8.3642, -22.8318
Hunter-Lab	72.8626, -13.1809, -2.8485

Details

The RGB color **163, 199, 206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 170, 163**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **219, 255, 255**, and **110, 145, 152** is the 20% darker color. If you saturate the color by 10%, you get **142, 196, 206**, and if you desaturate by 10%, it is **184, 202, 206**.

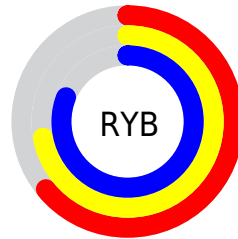
Distribution



Red (64%)

Green (78%)

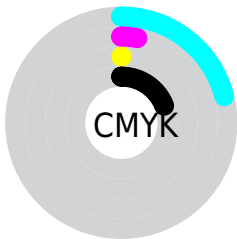
Blue (81%)



Red (64%)

Yellow (72%)

Blue (81%)

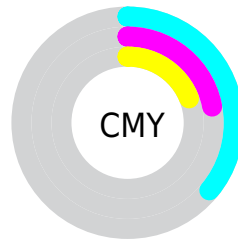


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (36%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 199, 206 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 163, 199, 206 by changing the saturation by 10% instead.


 163, 199, 206

255, 255, 255


 219, 255, 255


 247, 255, 255

 163, 199, 206

 136, 172, 179

 110, 145, 152

 85, 119, 126

 61, 95, 101

 37, 71, 77

 12, 48, 54

 0, 28, 33

 0, 0, 9

 0, 0, 0

■ 163, 199, 206

■ 163, 199, 206

■ 142, 196, 206

■ 184, 202, 206

■ 122, 192, 206

■ 204, 206, 206

■ 101, 189, 206

■ 225, 209, 206

■ 81, 186, 206

■ 245, 212, 206

■ 60, 182, 206

■ 255, 216, 206

■ 39, 179, 206

■ 255, 219, 206

■ 19, 176, 206

■ 255, 222, 206

■ 0, 172, 206

■ 255, 226, 206

■ 255, 229, 206

Harmonies

Analogous

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



165, 200, 195



163, 199, 206



170, 197, 214

Triad

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



163, 199, 206



210, 186, 203



200, 193, 169

Complementary

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



163, 199, 206



206, 170, 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.



211, 189, 171



163, 199, 206



217, 185, 191

Square

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



163, 199, 206



198, 189, 212



218, 186, 179



187, 196, 173

Rectangle

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



163, 199, 206



178, 194, 216



218, 186, 179



204, 191, 169

Sweetspot

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



163, 199, 206



240, 253, 255



163, 206, 169



119, 126, 128



0, 0, 0



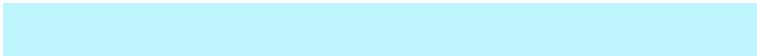
128, 128, 128

Same Dimension

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



163, 199, 206



191, 245, 255



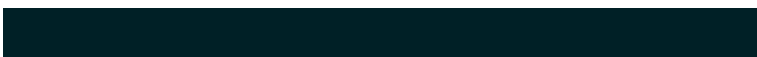
163, 178, 206



92, 100, 102



0, 139, 166



0, 32, 38

Inverse Universe

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



206, 163, 199



255, 191, 245



206, 191, 163



102, 92, 100



166, 0, 139



38, 0, 32

Previews

White Background



This preview shows how the RGB color 163, 199, 206 looks on a white background.

Color Contrast Check

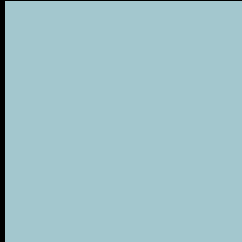
Large Text (above 18pt) WCAG AA × Fail

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 163, 199, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

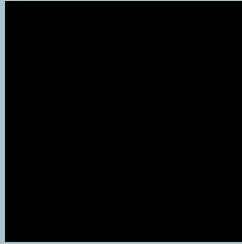
Any Text WCAG AA ✓ Pass

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 163, 199, 206 Background



This preview shows how black text looks on a background with the RGB color 163, 199, 206.

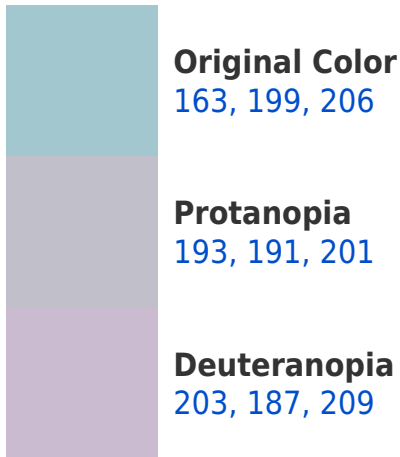


This preview shows how white text looks on a background with the RGB color 163, 199, 206.

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](#).

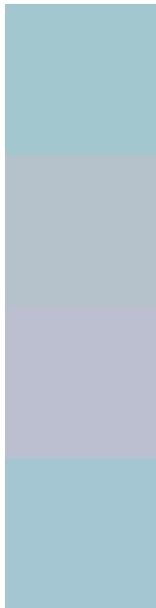
Dichromacy





Tritanopia
165, 198, 214

Trichromacy



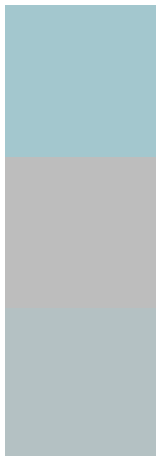
Original Color
163, 199, 206

Protanomaly
182, 194, 203

Deuteranomaly
188, 191, 208

Tritanomaly
164, 198, 211

Monochromacy



Original Color
163, 199, 206

Achromatopsia
189, 189, 189

Achromatomaly
180, 193, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 199, 206 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(163, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 206)  
}
```

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(163, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 206) }
```

Border

The CSS property to change the border of an element to RGB 163, 199, 206 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(163, 199, 206) }
```

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

```
.border{ border-color:rgb(163, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 163, 199, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 206) }
```

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

```
.background{ background-color: rgb(163,  
199, 206) }
```

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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