

Converting Colors

RGB(68, 195, 206)

Have a look what the booklet for
RGB(68, 195, 206) contains.

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Color

RGB(68, 195, 206)

Conversions

Conversions Part 1

Format	Color
Hex	44C3CE
RGB	68, 195, 206
RGB Percent	27%, 76%, 81%
CMY	0.7333, 0.2353, 0.1922
CMYK	0.67, 0.05, 0.00, 0.19
HSL	185°, 58%, 54%
HSV	185°, 67%, 81%
XYZ	33.0396, 44.7154, 65.2821
YIQ	158.2810, -79.2230, -23.5030

Conversions

Conversions Part 2

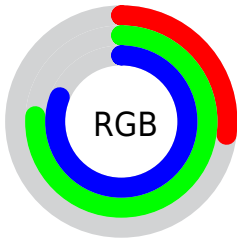
Format	Color
RYP	68, 134, 206
Decimal	4506574
CIELab	72.70, -30.78, -15.71
CIElCh	73, 34.559, 207.033
Yxy	44.7154, 0.2310, 0.3126
Android (android.graphics.Color)	4282696654 (0xFF44C3CE)
YUV	158.2810, 23.5255, -79.1764
Hunter-Lab	66.8696, -28.8267, -11.0738

Details

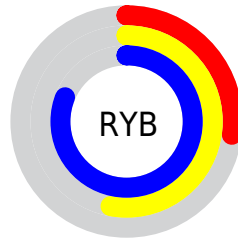
The RGB color **68, 195, 206** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **206, 79, 68**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **133, 252, 255**, and **0, 141, 152** is the 20% darker color. If you saturate the color by 10%, you get **47, 193, 206**, and if you desaturate by 10%, it is **89, 197, 206**.

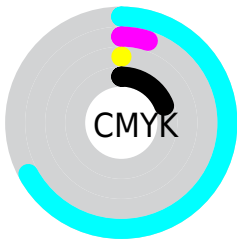
Distribution



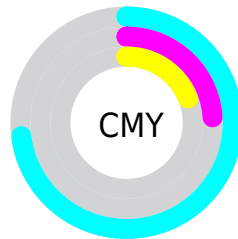
- Red (27%)
- Green (76%)
- Blue (81%)



- Red (27%)
- Yellow (53%)
- Blue (81%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)




















- Cyan (73%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 195, 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 68, 195, 206 by changing the saturation by 10% instead.

 68, 195, 206	 68, 195, 206
 255, 255, 255	 21, 168, 179
 133, 252, 255	 0, 141, 152
 163, 255, 255	 0, 115, 126
 193, 255, 255	 0, 90, 101
 224, 255, 255	 0, 66, 77
 254, 255, 255	 0, 43, 54
	 0, 18, 33
	 0, 0, 8
	 0, 0, 0

■ 68, 195, 206

■ 68, 195, 206

■ 47, 193, 206

■ 89, 197, 206

■ 27, 192, 206

■ 109, 198, 206

■ 6, 190, 206

■ 130, 200, 206

■ 0, 190, 206

■ 150, 202, 206

■ 171, 203, 206

■ 192, 205, 206

■ 212, 206, 206

■ 233, 208, 206

■ 253, 210, 206

Harmonies

Analogous

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



95, 195, 174



68, 195, 206



84, 191, 231

Triad

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



68, 195, 206



216, 161, 213



203, 175, 115

Complementary

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



68, 195, 206



206, 79, 68

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.



228, 165, 126



68, 195, 206



237, 155, 183

Square

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



68, 195, 206



178, 171, 235



240, 156, 151



170, 185, 121

Rectangle

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



68, 195, 206



114, 186, 239



240, 156, 151



212, 172, 117

Sweetspot

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



68, 195, 206



204, 251, 255



68, 206, 77



97, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



68, 195, 206



51, 239, 255



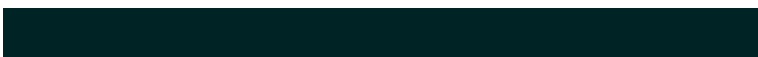
68, 128, 206



92, 101, 102



0, 153, 166



0, 35, 38

Inverse Universe

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



206, 68, 195



255, 51, 239



206, 146, 68



102, 92, 101



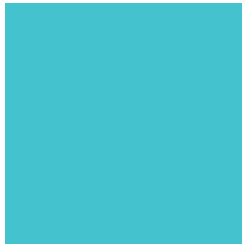
166, 0, 153



38, 0, 35

Previews

White Background



This preview shows how the RGB color 68, 195, 206 looks on a white background.

Color Contrast Check

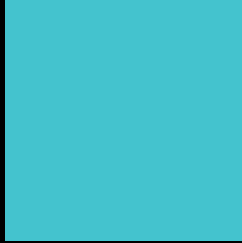
Large Text (above 18pt) WCAG AA × Fail

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 68, 195, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

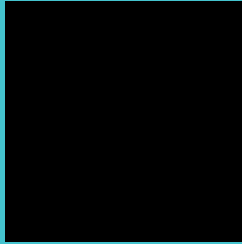
Any Text WCAG AA ✓ Pass

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 68, 195, 206 Background



This preview shows how black text looks on a background with the RGB color 68, 195, 206.

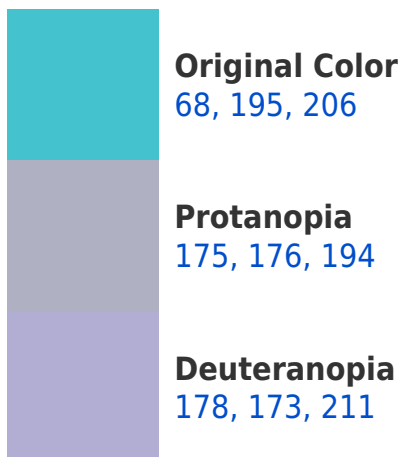


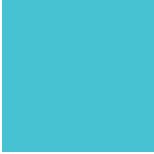
This preview shows how white text looks on a background with the RGB color 68, 195, 206.

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
70, 194, 210

Trichromacy



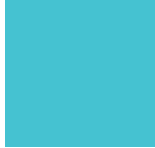
Original Color
68, 195, 206



Protanomaly
136, 183, 198



Deuteranomaly
138, 181, 209



Tritanomaly
69, 194, 209

Monochromacy



Original Color
68, 195, 206



Achromatopsia
158, 158, 158



Achromatomaly
125, 171, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 195, 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(68, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(68, 195, 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(68, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 195, 206) }
```

Border

The CSS property to change the border of an element to RGB 68, 195, 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(68, 195, 206) }
```

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

```
.border{ border-color:rgb(68, 195, 206) }
```

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

Here you see how a box with a 4 pixel rgb(68, 195, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(68, 195,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 68, 195, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 195, 206) }
```

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

```
.background{ background-color: rgb(68, 195,  
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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