

# Converting Colors

Hex(18C4CA)

Have a look what the booklet for  
Hex(18C4CA) contains.

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# Color

Hex(18C4CA)

# Conversions

## Conversions Part 1

Format	Color
Hex	18C4CA
RGB	24, 196, 202
RGB Percent	9%, 77%, 79%
CMY	0.9059, 0.2314, 0.2078
CMYK	0.88, 0.03, 0.00, 0.21
HSL	182°, 79%, 44%
HSV	182°, 88%, 79%
XYZ	30.7773, 43.9383, 62.7359
YIQ	145.2560, -104.4380, -34.5980

# Conversions

## Conversions Part 2

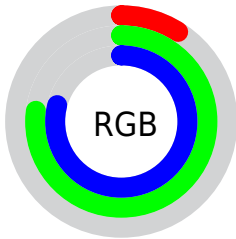
Format	Color
<a href="#">RYB</a>	24, 111, 202
Decimal	1623242
CIELab	72.19, -36.77, -14.38
CIElCh	72, 39.481, 201.355
Yxy	43.9383, 0.2239, 0.3197
Android (android.graphics.Color)	4279813322 (0xFF18C4CA)
YUV	145.2560, 27.9748, -106.3415
Hunter-Lab	66.2860, -33.1210, -9.7144

# Details

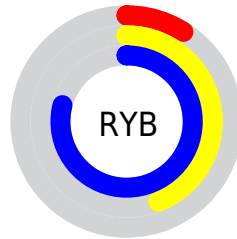
The Hex color **18C4CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA1E18**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFDFF**, and **008E94** is the 20% darker color. If you saturate the color by 10%, you get **04C3CA**, and if you desaturate by 10%, it is **2CC5CA**.

# Distribution



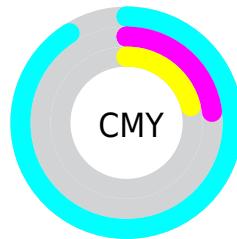
- Red (9%)
- Green (77%)
- Blue (79%)



- Red (9%)
- Yellow (44%)
- Blue (79%)



- Cyan (88%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (91%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18C4CA 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 Hex color 18C4CA by changing the saturation by 10% instead.



 18C4CA

 18C4CA

FFFFFF

 00A8AF


 6EFDFF

 008E94

 8EFFFF

 00737A

 AEFFFF

 005A61

 CDFFFF

 00424A

 ECFFFF

 002B33

 00101E

 000002

 000000

■ 18C4CA

■ 18C4CA

■ 04C3CA

■ 2CC5CA

■ 00C3CA

■ 40C5CA

■ 55C6CA

■ 69C7CA

■ 7DC7CA

■ 91C8CA

■ A5C9CA

■ BAC9CA

■ CECACA

# Harmonies

## Analogous

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



55C4A5



18C4CA



22C0E8

# Triad

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



18C4CA



D49EDE



D2AB69

# Complementary

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



18C4CA



CA1E18

# 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.



EC9F7A



18C4CA



F096BD

# Square

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



18C4CA



A6ACF4



F79699



AFB76D

# Rectangle

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



18C4CA



53BBF5



F79699



DCA76D



# Sweetspot

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



18C4CA



BDFDFF



18CA1E



587E80



000000



808080



# Same Dimension

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



18C4CA



00F6FF



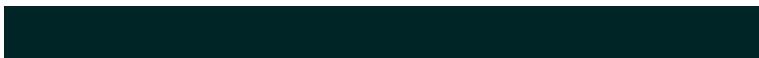
186BCA



5C6666



00A0A6



002526



# Inverse Universe

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



CA18C4



FF00F6



CA7718



665C66



A600A0

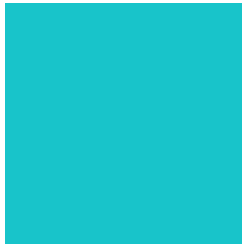


260025



# Previews

## White Background



This preview shows how the Hex color 18C4CA looks on a white background.

## Color Contrast Check

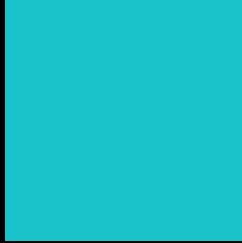
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 18C4CA 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

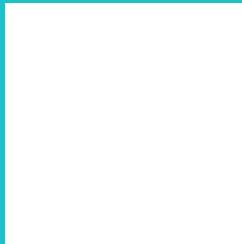
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 18C4CA Background



This preview shows how black text looks on a background with the Hex color 18C4CA.

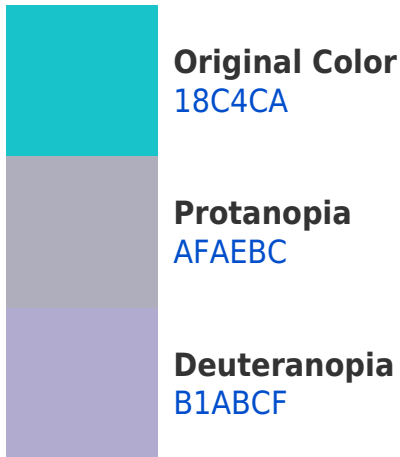


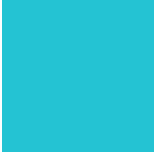
This preview shows how white text looks on a background with the Hex color 18C4CA.

# 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](#).

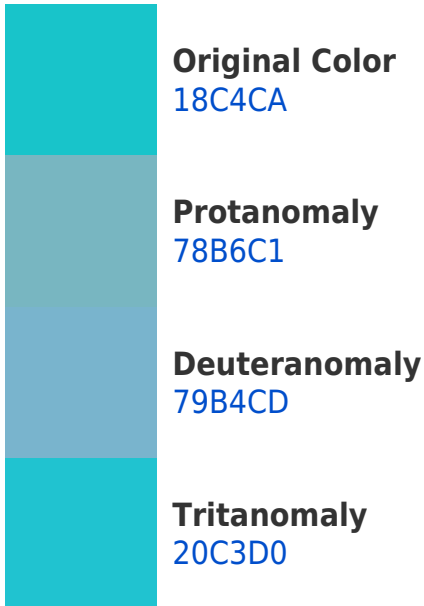
## Dichromacy





**Tritanopia**  
24C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18C4CA 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 #18C4CA looks like.

```
.text, #text, p{  
    color:#18C4CA  
}
```

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 #18C4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C4CA
}
```

## Border

The CSS property to change the border of an element to Hex 18C4CA 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
#18C4CA }
```

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

```
.border{ border-color:#18C4CA }
```

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

Here you see how a box with a 4 pixel #18C4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C4CA; -webkit-box-shadow:4px 4px  
4px 4px #18C4CA; box-shadow:4px 4px 4px  
4px #18C4CA }
```

# Background

The CSS property to change the background color of an element to Hex 18C4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C4CA }
```

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

```
.background{ background-color:#18C4CA }
```

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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