

# Converting Colors

Hex(18CBC2)

Have a look what the booklet for  
Hex(18CBC2) contains.

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# Color

Hex(18CBC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	18CBC2
RGB	24, 203, 194
RGB Percent	9%, 80%, 76%
CMY	0.9059, 0.2039, 0.2392
CMYK	0.88, 0.00, 0.04, 0.20
HSL	177°, 79%, 45%
HSV	177°, 88%, 80%
XYZ	31.4702, 46.8011, 58.4138
YIQ	148.4530, -103.7950, -40.7470

# Conversions

## Conversions Part 2

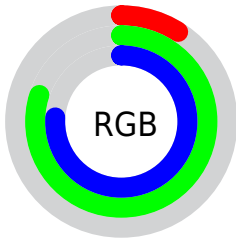
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">24, 116, 203</a>
Decimal	<a href="#">1625026</a>
CIELab	<a href="#">74.06, -42.29, -7.23</a>
CIELCh	<a href="#">74, 42.908, 189.702</a>
Yxy	<a href="#">46.8011, 0.2302, 0.3424</a>
Android (android.graphics.Color)	<a href="#">4279815106</a> ( <a href="#">0xFF18CBC2</a> )
YUV	<a href="#">148.4530, 22.4547, -109.1453</a>
Hunter-Lab	<a href="#">68.4113, -37.6072, -2.7375</a>

# Details

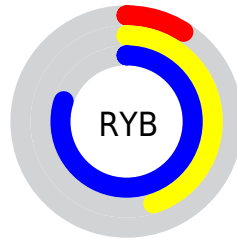
The Hex color **18CBC2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CB1821**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6EFFFF**, and **00948D** is the 20% darker color. If you saturate the color by 10%, you get **04CBC1**, and if you desaturate by 10%, it is **2CCBC3**.

# Distribution



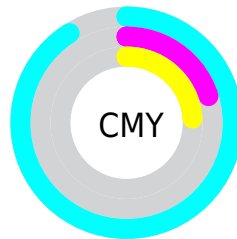
- Red (9%)
- Green (80%)
- Blue (76%)



- Red (9%)
- Yellow (45%)
- Blue (80%)



- Cyan (88%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (91%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18CBC2 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 18CBC2 by changing the saturation by 10% instead.



 18CBC2

 18CBC2

FFFFFF

 00AFA7

 6EFFFF

 00948D

 8FFFFFF

 007A73

 AEFFFF

 00605B

 CDFFFF

 004743

 ECFFFF

 00302D

 001819

 000000

 18CBC2

 18CBC2

■ 04CBC1

■ 2CCBC3

■ 00CBC1

■ 41CBC4

■ 55CBC5

■ 69CBC6

■ 7ECBC7

■ 92CBC8

■ A6CBC9

■ BACBCA

■ CFCBCB

# Harmonies

## Analogous

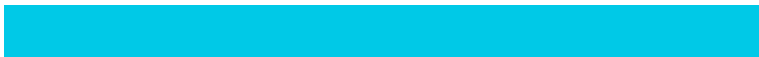
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65C999



18CBC2



00C9E7

# Triad

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



18CBC2



CBA7F3



E6AA6C

# Complementary

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



18CBC2



CB1821

# 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.



FD9D86



18CBC2



F29BD2

# Square

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



18CBC2



90B6FF



FF97AB



C3B867

# Rectangle

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



18CBC2



1CC5F9



FF97AB



EFA673

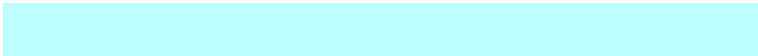


# Sweetspot

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



18CBC2



BDFFFC



24CB18



58807E



000000



808080



# Same Dimension

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



18CBC2



00FFF2



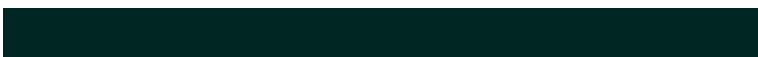
187DCB



5C6665



00A69D



002624



# Inverse Universe

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



CB1821



FF000D



CB6618



665C5C



A60008

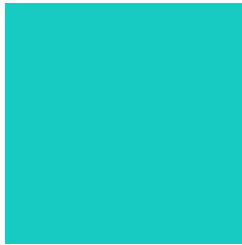


260002



# Previews

## White Background



This preview shows how the Hex color 18CBC2 looks on a white background.

## Color Contrast Check

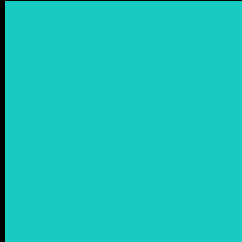
Large Text (above 18pt) WCAG AA × Fail

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 18CBC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

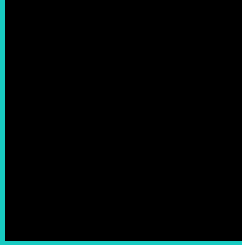
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

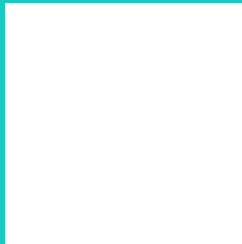
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 18CBC2 Background



This preview shows how black text looks on a background with the Hex color 18CBC2.



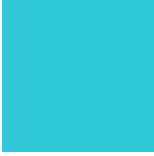
This preview shows how white text looks on a background with the Hex color 18CBC2.

# 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**  
31C8D8

# Trichromacy



**Original Color**  
18CBC2



**Protanomaly**  
7EBCB9



**Deuteranomaly**  
81BAC6



**Tritanomaly**  
28C9D0

# Monochromacy



**Original Color**  
18CBC2



**Achromatopsia**  
949494



**Achromatomaly**  
67A8A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18CBC2 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 #18CBC2 looks like.

```
.text, #text, p{  
    color:#18CBC2  
}
```

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 #18CBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18CBC2
}
```

## Border

The CSS property to change the border of an element to Hex 18CBC2 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
#18CBC2 }
```

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

```
.border{ border-color:#18CBC2 }
```

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

Here you see how a box with a 4 pixel #18CBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18CBC2; -webkit-box-shadow:4px 4px  
4px 4px #18CBC2; box-shadow:4px 4px 4px  
4px #18CBC2 }
```

# Background

The CSS property to change the background color of an element to Hex 18CBC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18CBC2 }
```

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

```
.background{ background-color:#18CBC2 }
```

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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