

# Converting Colors

Hex(18C6DA)

Have a look what the booklet for  
Hex(18C6DA) contains.

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# **Color**

**Hex(18C6DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18C6DA
RGB	24, 198, 218
RGB Percent	9%, 78%, 85%
CMY	0.9059, 0.2235, 0.1451
CMYK	0.89, 0.09, 0.00, 0.15
HSL	186°, 80%, 47%
HSV	186°, 89%, 85%
XYZ	33.2257, 45.6443, 73.3887
YIQ	148.2540, -110.1240, -30.6680

# Conversions

## Conversions Part 2

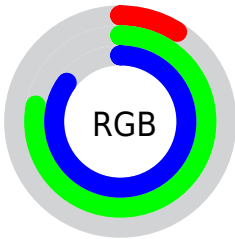
Format	Color
R <sub>Y</sub> B	24, 116, 218
Decimal	1623770
CIE Lab	73.31, -32.75, -21.37
CIE LCh	73, 39.106, 213.117
Yxy	45.6443, 0.2182, 0.2998
Android (android.graphics.Color)	4279813850 (0xFF18C6DA)
YUV	148.2540, 34.3848, -108.9708
Hunter-Lab	67.5606, -30.4464, -17.1123

# Details

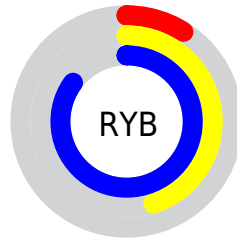
The Hex color **18C6DA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DA2C18**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **70FFFF**, and **0090A3** is the 20% darker color. If you saturate the color by 10%, you get **02C4DA**, and if you desaturate by 10%, it is **2EC8DA**.

# Distribution



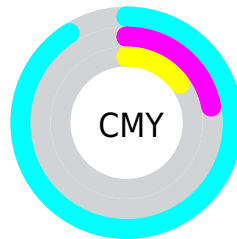
- Red (9%)
- Green (78%)
- Blue (85%)



- Red (9%)
- Yellow (45%)
- Blue (85%)



- Cyan (89%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18C6DA 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 18C6DA by changing the saturation by 10% instead.



 18C6DA

 18C6DA

FFFFFF

 00AABE

 70FFFF

 0090A3

 91FFFF

 007689

 B1FFFF

 005C6F

 D0FFFF

 004457

 EFFFFFF

 002D40

 00162A

 000115

 000000

■ 18C6DA

■ 18C6DA

■ 02C4DA

■ 2EC8DA

■ 00C4DA

■ 44CADA

■ 59CDDA

■ 6FCFDA

■ 85D1DA

■ 9BD3DA

■ B1D6DA

■ C6D8DA

■ DCDADA

# Harmonies

## Analogous

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



45C7B7



18C6DA



46C0F3

# Triad

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



18C6DA



E49DD5



C8B36C

# Complementary

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



18C6DA



DA2C18

# 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.



E6A775



18C6DA



F898B2

# Square

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



18C6DA



BDA9F0



F89C8F



A2BE77

# Rectangle

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



18C6DA



72BAFB



F89C8F



D3AF6D



# Sweetspot

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



18C6DA



BAF8FF



18DA2B



577B80



000000



808080

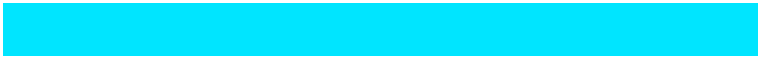


# Same Dimension

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



18C6DA



00E5FF



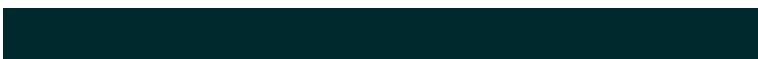
1866DA



636D6E



009CAD



00292E



# Inverse Universe

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



DA18C6



FF00E5



DA8C18



6E636D



AD009C

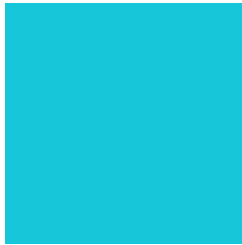


2E0029



# Previews

## White Background



This preview shows how the Hex color 18C6DA 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 18C6DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

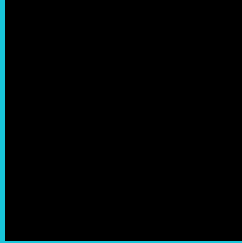
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 18C6DA Background



This preview shows how black text looks on a background with the Hex color 18C6DA.

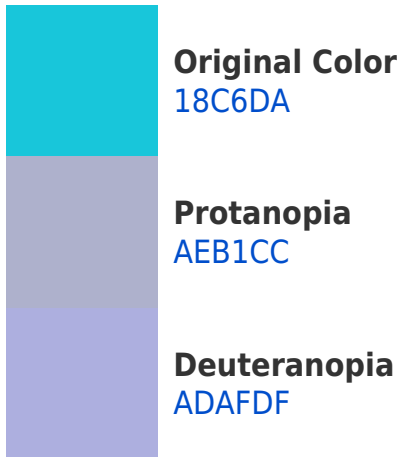


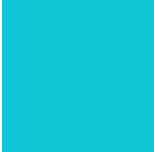
This preview shows how white text looks on a background with the Hex color 18C6DA.

# 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](#).

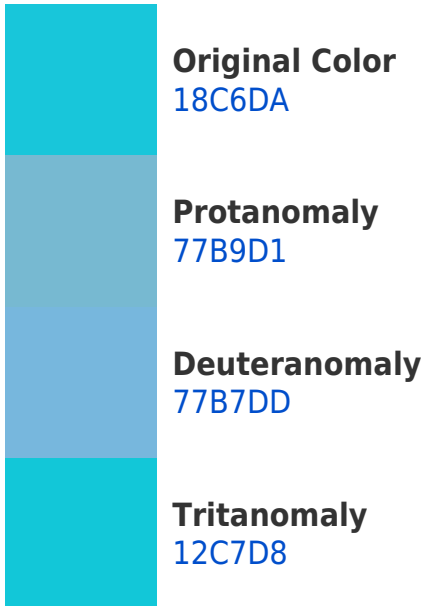
## Dichromacy



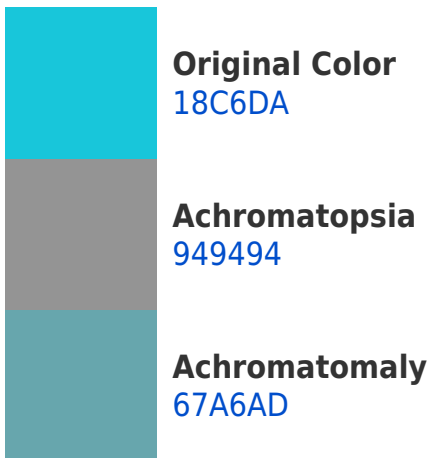


**Tritanopia**  
0FC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18C6DA 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 #18C6DA looks like.

```
.text, #text, p{  
    color:#18C6DA  
}
```

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 #18C6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18C6DA
}
```

## Border

The CSS property to change the border of an element to Hex 18C6DA 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
#18C6DA }
```

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

```
.border{ border-color:#18C6DA }
```

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

Here you see how a box with a 4 pixel #18C6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18C6DA; -webkit-box-shadow:4px 4px  
4px 4px #18C6DA; box-shadow:4px 4px 4px  
4px #18C6DA }
```

# Background

The CSS property to change the background color of an element to Hex 18C6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18C6DA }
```

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

```
.background{ background-color:#18C6DA }
```

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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