

# Converting Colors

Hex(00AFC1)

Have a look what the booklet for  
Hex(00AFC1) contains.

|                                                |    |
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# **Color**

**Hex(00AFC1)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00AFC1                        |
| RGB         | 0, 175, 193                   |
| RGB Percent | 0%, 69%, 76%                  |
| CMY         | 1.0000, 0.3137, 0.2431        |
| CMYK        | 1.00, 0.09, 0.00, 0.24        |
| HSL         | 186°, 100%, 38%               |
| HSV         | 186°, 100%, 76%               |
| XYZ         | 24.9556, 34.5102, 55.7979     |
| YIQ         | 124.7270, -110.0780, -31.5020 |

# Conversions

## Conversions Part 2

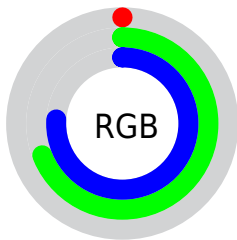
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 0, 92, 193                      |
| Decimal                             | 44993                           |
| CIELab                              | 65.37, -30.54, -19.76           |
| CIELCh                              | 65, 36.380, 212.903             |
| Yxy                                 | 34.5102, 0.2165,<br>0.2994      |
| Android<br>(android.graphics.Color) | 4278235073<br>(0xFF00AFC1)      |
| YUV                                 | 124.7270, 33.6586,<br>-109.3856 |
| Hunter-Lab                          | 58.7454, -26.9759,<br>-15.1934  |

# Details

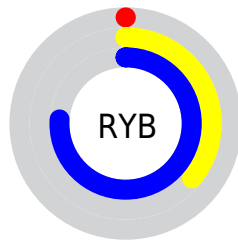
The Hex color **00AFC1** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C11200**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **64E7F9**, and **007A8B** is the 20% darker color. If you saturate the color by 10%, you get **00AFC1**, and if you desaturate by 10%, it is **13B1C1**.

# Distribution



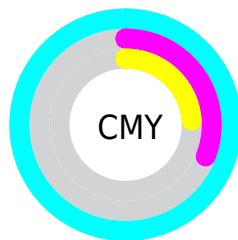
- Red (0%)
- Green (69%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (31%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00AFC1 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 00AFC1 by changing the saturation by 10% instead.



 00AFC1

 00AFC1

FFFFFF

 0094A6

 64E7F9

 007A8B

 85FFFF

 006172

 A4FFFF

 004859

 C2FFFF

 003142

 E1FFFF

 001D2C

 000117

 000000

 00AFC1

 13B1C1

 27B3C1

 3AB4C1

 4DB6C1

 61B8C1

 74BAC1

 87BCC1

 9ABDC1

 AEBFC1

# Harmonies

## Analogous

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



39B0A1



00AFC1



38AAD8

# Triad

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



00AFC1



CA8ABD



B19E5D

# Complementary

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



00AFC1



C11200

# 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.



CC9265



00AFC1



DC859D

# Square

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



00AFC1



A795D5



DC897D



8FA767

# Rectangle

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



00AFC1



61A4DF



DC897D



BB9A5E



# Sweetspot

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



00AFC1



AFF3FA



00C110



50797D



FCFCFC



7D7D7D

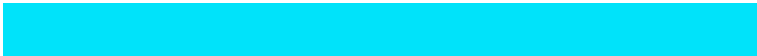


# Same Dimension

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



00AFC1



00E3FA



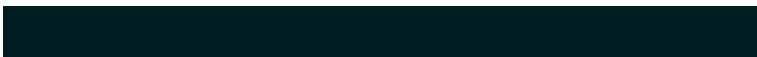
0050C1



576061



0092A1



001E21



# Inverse Universe

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



C100AF



FA00E3



C17100



615760



A10092



21001E



# Previews

## White Background



This preview shows how the Hex color 00AFC1 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 00AFC1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

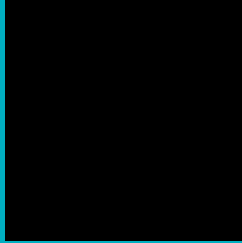
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00AFC1 Background



This preview shows how black text looks on a background with the Hex color 00AFC1.



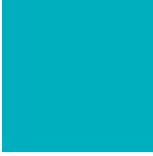
This preview shows how white text looks on a background with the Hex color 00AFC1.

# 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](#).

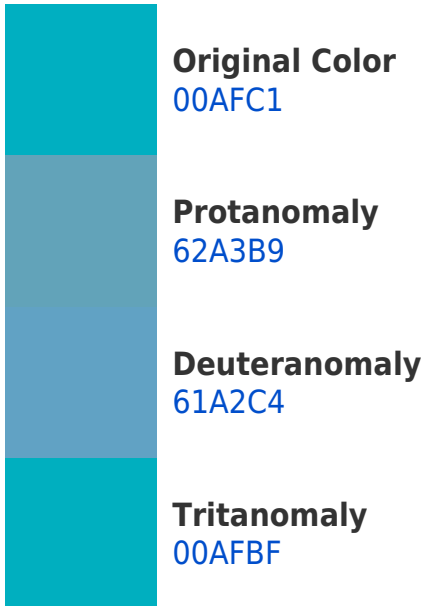
## Dichromacy





**Tritanopia**  
00AFBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00AFC1 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 #00AFC1 looks like.

```
.text, #text, p{  
    color:#00AFC1  
}
```

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 #00AFC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AFC1
}
```

## Border

The CSS property to change the border of an element to Hex 00AFC1 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
#00AFC1 }
```

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

```
.border{ border-color:#00AFC1 }
```

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

Here you see how a box with a 4 pixel #00AFC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AFC1; -webkit-box-shadow:4px 4px  
4px 4px #00AFC1; box-shadow:4px 4px 4px  
4px #00AFC1 }
```

# Background

The CSS property to change the background color of an element to Hex 00AFC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AFC1 }
```

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

```
.background{ background-color:#00AFC1 }
```

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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