

# Converting Colors

Hex(00A7CE)

Have a look what the booklet for  
Hex(00A7CE) contains.

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# Color

Hex(00A7CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A7CE
RGB	0, 167, 206
RGB Percent	0%, 65%, 81%
CMY	1.0000, 0.3451, 0.1922
CMYK	1.00, 0.19, 0.00, 0.19
HSL	191°, 100%, 40%
HSV	191°, 100%, 81%
XYZ	24.9593, 32.0937, 63.2717
YIQ	121.5130, -112.0510, -23.2750

# Conversions

## Conversions Part 2

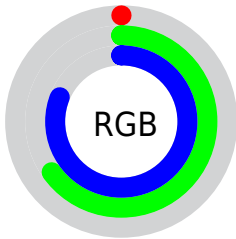
Format	Color
<a href="#">RYB</a>	<a href="#">0, 92, 206</a>
Decimal	<a href="#">42958</a>
CIELab	<a href="#">63.42, -22.14, -29.96</a>
CIELCh	<a href="#">63, 37.259, 233.536</a>
Yxy	<a href="#">32.0937, 0.2074, 0.2667</a>
Android (android.graphics.Color)	<a href="#">4278233038 (0xFF00A7CE)</a>
YUV	<a href="#">121.5130, 41.6521, -106.5669</a>
Hunter-Lab	<a href="#">56.6513, -20.4966, -26.5629</a>

# Details

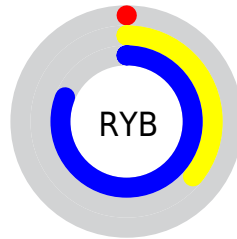
The Hex color **00A7CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CE2700**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **66DEFF**, and **007398** is the 20% darker color. If you saturate the color by 10%, you get **00A7CE**, and if you desaturate by 10%, it is **15ABCE**.

# Distribution



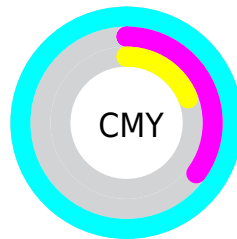
- Red (0%)
- Green (65%)
- Blue (81%)



- Red (0%)
- Yellow (36%)
- Blue (81%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (35%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A7CE 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 00A7CE by changing the saturation by 10% instead.



 00A7CE

 00A7CE

FFFFFF

 008CB2

 66DEFF

 007398

 86FBFF

 005A7E

 A5FFFF

 004264

 C4FFFF

 002C4C

 E3FFFF

 001735

 000220

 000003

 000000

 00A7CE

 15ABCE

 29AFCE

 3EB3CE

 52B7CE

 67BBCE

 7CBECE

 90C2CE

 A5C6CE

 B9CACE

# Harmonies

## Analogous

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



00ABB3



00A7CE



5A9FDB

# Triad

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



00A7CE



D480A2



94A05B

# Complementary

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



00A7CE



CE2700

# 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.



B59557



00A7CE



DA8181

# Square

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



00A7CE



BC88C1



CE8A65



6EA771

# Rectangle

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



00A7CE



8198DA



CE8A65



A09C58



# Sweetspot

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



00A7CE



B3F1FF



00CE26



527780



000000



808080

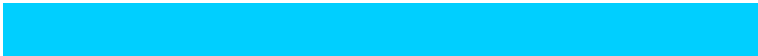


# Same Dimension

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



00A7CE



00CFFF



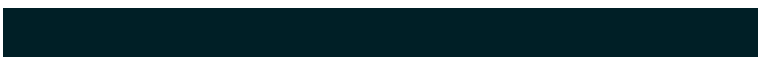
0041CE



5C6466



0086A6



001F26



# Inverse Universe

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



CE00A7



FF00CF



CE8D00



665C64



A60086



26001F



# Previews

## White Background



This preview shows how the Hex color 00A7CE 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 00A7CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

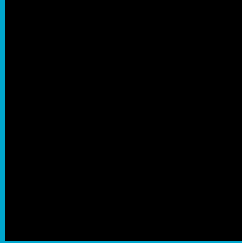
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A7CE Background



This preview shows how black text looks on a background with the Hex color 00A7CE.

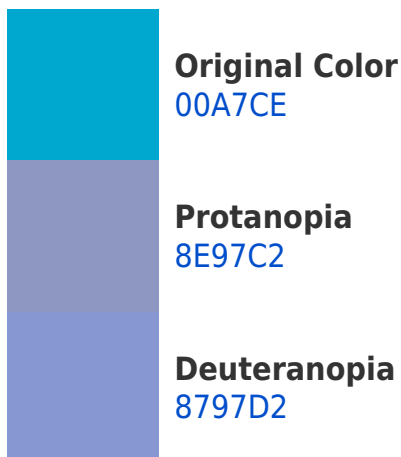


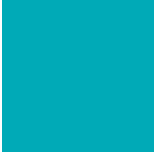
This preview shows how white text looks on a background with the Hex color 00A7CE.

# 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**  
00AAB7

# Trichromacy



**Original Color**  
00A7CE



**Protanomaly**  
5A9DC6



**Deuteranomaly**  
569DD1



**Tritanomaly**  
00A9BF

# Monochromacy



**Original Color**  
00A7CE



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4E8A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A7CE 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 #00A7CE looks like.

```
.text, #text, p{  
    color:#00A7CE  
}
```

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 #00A7CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A7CE
}
```

## Border

The CSS property to change the border of an element to Hex 00A7CE 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
#00A7CE }
```

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

```
.border{ border-color:#00A7CE }
```

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

Here you see how a box with a 4 pixel #00A7CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A7CE; -webkit-box-shadow:4px 4px  
4px 4px #00A7CE; box-shadow:4px 4px 4px  
4px #00A7CE }
```

# Background

The CSS property to change the background color of an element to Hex 00A7CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A7CE }
```

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

```
.background{ background-color:#00A7CE }
```

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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