

# Converting Colors

Hex(00A8C8)

Have a look what the booklet for  
Hex(00A8C8) contains.

<b>Hex(00A8C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(00A8C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8C8
RGB	0, 168, 200
RGB Percent	0%, 66%, 78%
CMY	1.0000, 0.3412, 0.2157
CMYK	1.00, 0.16, 0.00, 0.22
HSL	190°, 100%, 39%
HSV	190°, 100%, 78%
XYZ	24.4280, 32.1754, 59.5666
YIQ	121.4160, -110.4000, -25.6640

# Conversions

## Conversions Part 2

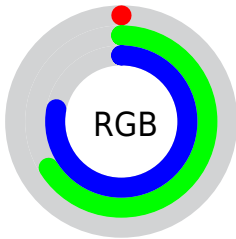
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 200
Decimal	43208
CIELab	63.49, -24.72, -26.53
CIELCh	63, 36.260, 227.015
Yxy	32.1754, 0.2103, 0.2770
Android (android.graphics.Color)	4278233288 (0xFF00A8C8)
YUV	121.4160, 38.7419, -106.4818
Hunter-Lab	56.7234, -22.3947, -22.5555

# Details

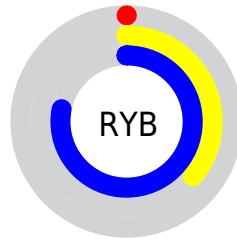
The Hex color **00A8C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C82000**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65DFFF**, and **007492** is the 20% darker color. If you saturate the color by 10%, you get **00A8C8**, and if you desaturate by 10%, it is **14ABC8**.

# Distribution



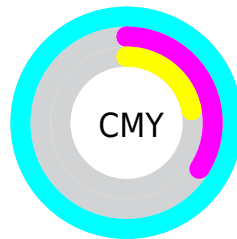
- Red (0%)
- Green (66%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (34%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8C8 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 00A8C8 by changing the saturation by 10% instead.



 00A8C8

 00A8C8


FFFFFF

 008DAD

 65DFFF

 007492

 85FCFF

 005B78

 A4FFFF

 00435F

 C3FFFF

 002C47

 E2FFFF

 001731

 00011C

 000000

 00A8C8

 14ABC8

 28AEC8

 3CB2C8

 50B5C8

 64B8C8

 78BBC8

 8CBEC8

 A0C2C8

 B4C5C8

# Harmonies

## Analogous

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



13ABAB



00A8C8



50A1D8

# Triad

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



00A8C8



D082A9



9C9E5B

# Complementary

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



00A8C8



C82000

# 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.



BB935B



00A8C8



D98188

# Square

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



00A8C8



B48BC6



D1886C



78A66D

# Rectangle

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



00A8C8



779AD9



D1886C



A79A59

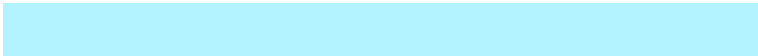


# Sweetspot

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



00A8C8



B3F3FF



00C81E



527880



000000



808080

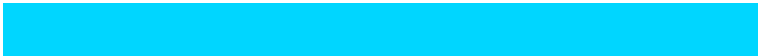


# Same Dimension

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



00A8C8



00D6FF



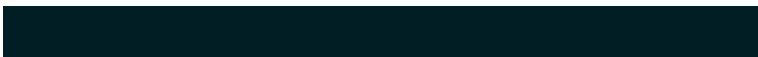
0046C8



5A6263



0089A3



001E24



# Inverse Universe

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



C800A8



FF00D6



C88200



635A62



A30089



24001E



# Previews

## White Background



This preview shows how the Hex color 00A8C8 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 00A8C8 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 00A8C8 Background



This preview shows how black text looks on a background with the Hex color 00A8C8.



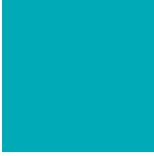
This preview shows how white text looks on a background with the Hex color 00A8C8.

# 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](#).

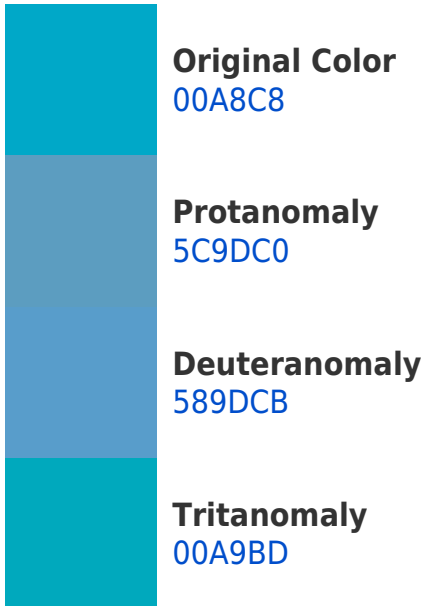
## Dichromacy





**Tritanopia**  
00AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8C8 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 #00A8C8 looks like.

```
.text, #text, p{  
    color:#00A8C8  
}
```

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 #00A8C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8C8
}
```

## Border

The CSS property to change the border of an element to Hex 00A8C8 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
#00A8C8 }
```

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

```
.border{ border-color:#00A8C8 }
```

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

Here you see how a box with a 4 pixel #00A8C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8C8; -webkit-box-shadow:4px 4px  
4px 4px #00A8C8; box-shadow:4px 4px 4px  
4px #00A8C8 }
```

# Background

The CSS property to change the background color of an element to Hex 00A8C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8C8 }
```

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

```
.background{ background-color:#00A8C8 }
```

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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