

# Converting Colors

Hex(00A9C5)

Have a look what the booklet for  
Hex(00A9C5) contains.

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**Color**

**Hex(00A9C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A9C5
RGB	0, 169, 197
RGB Percent	0%, 66%, 77%
CMY	1.0000, 0.3373, 0.2275
CMYK	1.00, 0.14, 0.00, 0.23
HSL	189°, 100%, 39%
HSV	189°, 100%, 77%
XYZ	24.2660, 32.4072, 57.7996
YIQ	121.6610, -109.7120, -27.1200

# Conversions

## Conversions Part 2

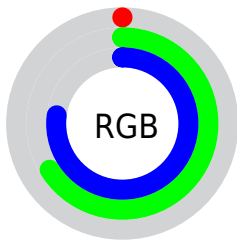
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 91, 197</a>
Decimal	<a href="#">43461</a>
CIELab	<a href="#">63.68, -26.25, -24.56</a>
CIELCh	<a href="#">64, 35.948, 223.102</a>
Yxy	<a href="#">32.4072, 0.2120, 0.2831</a>
Android (android.graphics.Color)	<a href="#">4278233541 (0xFF00A9C5)</a>
YUV	<a href="#">121.6610, 37.1421, -106.6967</a>
Hunter-Lab	<a href="#">56.9273, -23.5347, -20.3494</a>

# Details

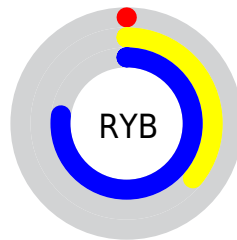
The Hex color **00A9C5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C51C00**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **64E1FE**, and **00758F** is the 20% darker color. If you saturate the color by 10%, you get **00A9C5**, and if you desaturate by 10%, it is **14ACC5**.

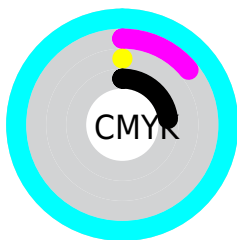
# Distribution



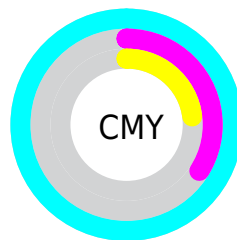
- Red (0%)
- Green (66%)
- Blue (77%)



- Red (0%)
- Yellow (36%)
- Blue (77%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (34%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A9C5 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 00A9C5 by changing the saturation by 10% instead.



 00A9C5

 00A9C5

FFFFFF

 008EAA

 64E1FE

 00758F

 84FDFF

 005C75

 A3FFFF

 00445D

 C2FFFF

 002D45

 E1FFFF

 00172F

 00011A

 000000

 00A9C5

 14ACC5

 27AFC5

 3BB1C5

 4FB4C5

 63B7C5

 76BAC5

 8ABDC5

 9EBFC5

 B1C2C5

# Harmonies

## Analogous

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



22ABA8



00A9C5



4AA3D7

# Triad

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



00A9C5



CD83AE



A19D5B

# Complementary

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



00A9C5



C51C00

# 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.



BF925D



00A9C5



D9818D

# Square

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



00A9C5



B08DC9



D38770



7EA56A

# Rectangle

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



00A9C5



719CDA



D38770



AC995A

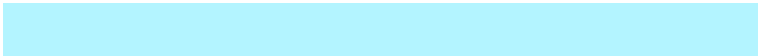


# Sweetspot

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



00A9C5



B3F4FF



00C51A



527980



000000



808080

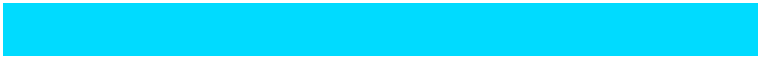


# Same Dimension

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



00A9C5



00DBFF



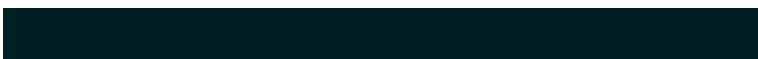
0048C5



5A6263



008CA3



001F24



# Inverse Universe

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



C500A9



FF00DB



C57D00



635A62



A3008C



24001F



# Previews

## White Background



This preview shows how the Hex color 00A9C5 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 00A9C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

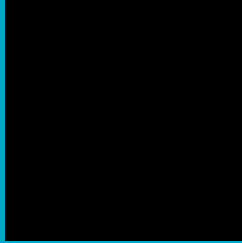
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A9C5 Background



This preview shows how black text looks on a background with the Hex color 00A9C5.

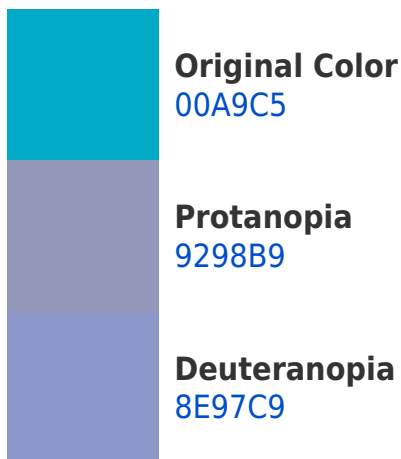


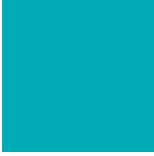
This preview shows how white text looks on a background with the Hex color 00A9C5.

# 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**  
00ABB8

# Trichromacy



**Original Color**  
00A9C5



**Protanomaly**  
5D9EBD



**Deuteranomaly**  
5A9EC8



**Tritanomaly**  
00AABD

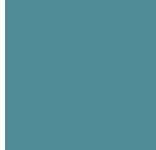
# Monochromacy



**Original Color**  
00A9C5



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4E8B95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A9C5 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 #00A9C5 looks like.

```
.text, #text, p{  
    color:#00A9C5  
}
```

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 #00A9C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9C5
}
```

## Border

The CSS property to change the border of an element to Hex 00A9C5 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
#00A9C5 }
```

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

```
.border{ border-color:#00A9C5 }
```

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

Here you see how a box with a 4 pixel #00A9C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9C5; -webkit-box-shadow:4px 4px  
4px 4px #00A9C5; box-shadow:4px 4px 4px  
4px #00A9C5 }
```

# Background

The CSS property to change the background color of an element to Hex 00A9C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9C5 }
```

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

```
.background{ background-color:#00A9C5 }
```

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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