

# Converting Colors

Hex(00A4CC)

Have a look what the booklet for  
Hex(00A4CC) contains.

<b>Hex(00A4CC)</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(00A4CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A4CC
RGB	0, 164, 204
RGB Percent	0%, 64%, 80%
CMY	1.0000, 0.3569, 0.2000
CMYK	1.00, 0.20, 0.00, 0.20
HSL	192°, 100%, 40%
HSV	192°, 100%, 80%
XYZ	24.1745, 30.9106, 61.8189
YIQ	119.5240, -110.5840, -22.3280

# Conversions

## Conversions Part 2

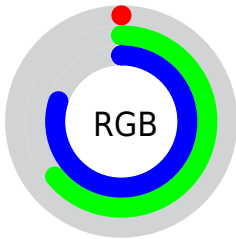
Format	Color
<a href="#">RYB</a>	<a href="#">0, 91, 204</a>
Decimal	<a href="#">42188</a>
CIELab	<a href="#">62.43, -21.28, -30.38</a>
CIELCh	<a href="#">62, 37.090, 234.997</a>
Yxy	<a href="#">30.9106, 0.2068, 0.2644</a>
Android (android.graphics.Color)	<a href="#">4278232268 (0xFF00A4CC)</a>
YUV	<a href="#">119.5240, 41.6467, -104.8225</a>
Hunter-Lab	<a href="#">55.5973, -19.6807, -27.0068</a>

# Details

The Hex color **00A4CC** 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 **CC2800**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **65DBFF**, and **007096** is the 20% darker color. If you saturate the color by 10%, you get **00A4CC**, and if you desaturate by 10%, it is **14A8CC**.

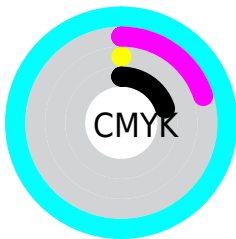
# Distribution



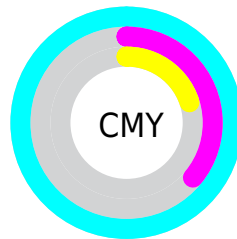
- Red (0%)
- Green (64%)
- Blue (80%)



- Red (0%)
- Yellow (36%)
- Blue (80%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (36%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A4CC 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 00A4CC by changing the saturation by 10% instead.



 00A4CC

 00A4CC

FFFFFF

 008AB0

 65DBFF

 007096

 85F8FF

 00577C

 A4FFFF

 004063

 C3FFFF

 002A4B

 E2FFFF

 001334

 00021E

 000000

 00A4CC

 14A8CC

 29ACCC

 3DB0CC

 52B4CC

 66B8CC

 7ABCCC

 8FC0CC

 A3C4CC

 B8C8CC

# Harmonies

## Analogous

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



00A8B2



00A4CC



5B9CD8

# Triad

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



00A4CC



D27D9E



909D5A

# Complementary

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



00A4CC



CC2800

# 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.



B19355



00A4CC



D67F7D

# Square

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



00A4CC



BB85BD



CA8862



69A470

# Rectangle

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



00A4CC



8195D6



CA8862



9C9A56

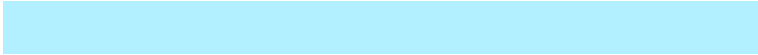


# Sweetspot

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



00A4CC



B3F0FF



00CC25



527680



000000



808080

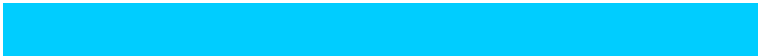


# Same Dimension

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



00A4CC



00CDFF



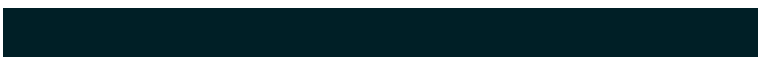
0041CC



5C6466



0085A6



001F26



# Inverse Universe

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



CC00A4



FF00CD



CC8B00



665C64



A60085



26001F



# Previews

## White Background



This preview shows how the Hex color 00A4CC 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 00A4CC 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 00A4CC Background



This preview shows how black text looks on a background with the Hex color 00A4CC.



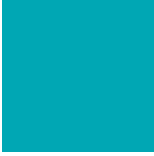
This preview shows how white text looks on a background with the Hex color 00A4CC.

# 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**  
00A7B4

# Trichromacy



**Original Color**  
00A4CC



**Protanomaly**  
589AC4



**Deuteranomaly**  
539ACF



**Tritanomaly**  
00A6BD

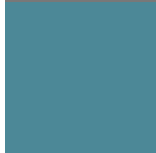
# Monochromacy



**Original Color**  
00A4CC



**Achromatopsia**  
787878



**Achromatomaly**  
4C8897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A4CC 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 #00A4CC looks like.

```
.text, #text, p{  
    color:#00A4CC  
}
```

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 #00A4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4CC  
}
```

## Border

The CSS property to change the border of an element to Hex 00A4CC 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  
#00A4CC }
```

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

```
.border{ border-color:#00A4CC }
```

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

Here you see how a box with a 4 pixel #00A4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4CC; -webkit-box-shadow:4px 4px  
4px 4px #00A4CC; box-shadow:4px 4px 4px  
4px #00A4CC }
```

# Background

The CSS property to change the background color of an element to Hex 00A4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4CC }
```

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

```
.background{ background-color:#00A4CC }
```

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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