

# Converting Colors

Hex(00C6E0)

Have a look what the booklet for  
Hex(00C6E0) contains.

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# Color

Hex(00C6E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C6E0
RGB	0, 198, 224
RGB Percent	0%, 78%, 88%
CMY	1.0000, 0.2235, 0.1216
CMYK	1.00, 0.12, 0.00, 0.12
HSL	187°, 100%, 44%
HSV	187°, 100%, 88%
XYZ	33.6486, 45.7700, 77.5820
YIQ	141.7620, -126.3540, -33.8900

# Conversions

## Conversions Part 2

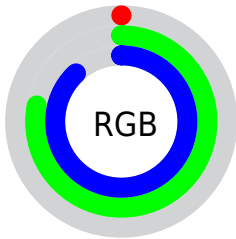
Format	Color
<b>RYB</b>	0, 105, 224
Decimal	50912
CIELab	73.40, -31.62, -24.50
CIELCh	73, 40.001, 217.774
Yxy	45.7700, 0.2143, 0.2915
Android (android.graphics.Color)	4278240992 (0xFF00C6E0)
YUV	141.7620, 40.5433, -124.3253
Hunter-Lab	67.6535, -29.6136, -20.6337

# Details

The Hex color **00C6E0** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E01A00**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DFFFF**, and **0090A9** is the 20% darker color. If you saturate the color by 10%, you get **00C6E0**, and if you desaturate by 10%, it is **16C9E0**.

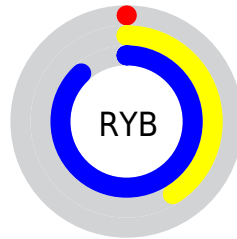
# Distribution



Red (0%)

Green (78%)

Blue (88%)



Red (0%)

Yellow (41%)

Blue (88%)

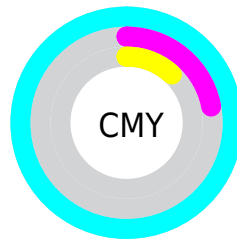


Cyan (100%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (22%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C6E0 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 00C6E0 by changing the saturation by 10% instead.



 00C6E0

 00C6E0

FFFFFF

 00AAC4

 6DFFFF

 0090A9

 8EFFFF

 00768E

 AEFFFF

 005D75

 CEFFFF

 00445C

 EDFFFF

 002D44

 00162E

 000119

 000000

 00C6E0

 16C9E0

 2DCBE0

 43CEE0

 5AD0E0

 70D3E0

 86D6E0

 9DD8E0

 B3DBE0

 CADDE0

# Harmonies

## Analogous

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



37C8BD



00C6E0



4CC0F7

# Triad

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



00C6E0



EA9CD1



C3B56B

# Complementary

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



00C6E0



E01A00

# 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.



E3A971



00C6E0



FB98AC

# Square

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



00C6E0



C5A7EE



F89D89



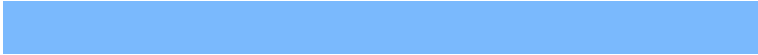
9BBF79

# Rectangle

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



00C6E0



7AB9FD



F89D89



CFB16A

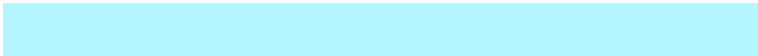


# Sweetspot

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



00C6E0



B3F6FF



00E016



527A80



000000



808080



# Same Dimension

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



00C6E0



00E1FF



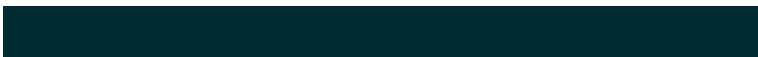
005AE0



656F70



009CB0



002B30



# Inverse Universe

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



E000C6



FF00E1



E08600



70656F



B0009C

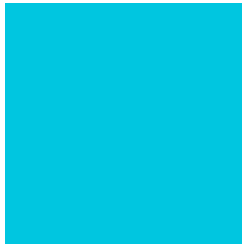


30002B



# Previews

## White Background



This preview shows how the Hex color 00C6E0 looks on a white background.

## Color Contrast Check

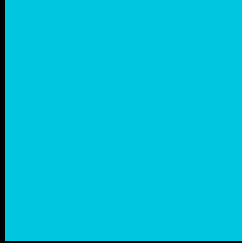
Large Text (above 18pt) WCAG AA × Fail

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 00C6E0 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 00C6E0 Background



This preview shows how black text looks on a background with the Hex color 00C6E0.



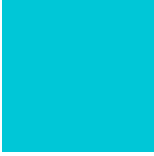
This preview shows how white text looks on a background with the Hex color 00C6E0.

# 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



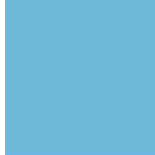


**Tritanopia**  
00C7D7

# Trichromacy



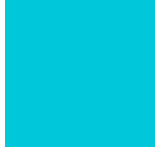
**Original Color**  
00C6E0



**Protanomaly**  
6EB9D7



**Deuteranomaly**  
6CB8E3



**Tritanomaly**  
00C7DA

# Monochromacy



**Original Color**  
00C6E0



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
5AA2AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C6E0 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 #00C6E0 looks like.

```
.text, #text, p{  
    color:#00C6E0  
}
```

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 #00C6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C6E0
}
```

## Border

The CSS property to change the border of an element to Hex 00C6E0 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
#00C6E0 }
```

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

```
.border{ border-color:#00C6E0 }
```

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

Here you see how a box with a 4 pixel #00C6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C6E0; -webkit-box-shadow:4px 4px  
4px 4px #00C6E0; box-shadow:4px 4px 4px  
4px #00C6E0 }
```

# Background

The CSS property to change the background color of an element to Hex 00C6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C6E0 }
```

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

```
.background{ background-color:#00C6E0 }
```

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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