

# Converting Colors

Hex(00C0E4)

Have a look what the booklet for  
Hex(00C0E4) contains.

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# **Color**

**Hex(00C0E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C0E4
RGB	0, 192, 228
RGB Percent	0%, 75%, 89%
CMY	1.0000, 0.2471, 0.1059
CMYK	1.00, 0.16, 0.00, 0.11
HSL	189°, 100%, 45%
HSV	189°, 100%, 89%
XYZ	32.8532, 43.3007, 80.0251
YIQ	138.6960, -125.9880, -29.5080

# Conversions

## Conversions Part 2

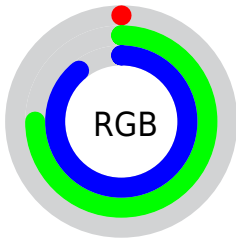
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 228
Decimal	49380
CIELab	71.76, -27.37, -29.18
CIELCh	72, 40.009, 226.835
Yxy	43.3007, 0.2104, 0.2773
Android (android.graphics.Color)	4278239460 (0xFF00C0E4)
YUV	138.6960, 44.0269, -121.6364
Hunter-Lab	65.8033, -26.0370, -26.0419

# Details

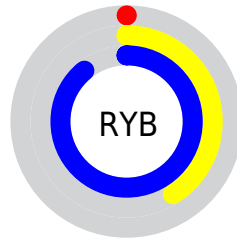
The Hex color **00C0E4** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E42400**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6CF9FF**, and **008AAC** is the 20% darker color. If you saturate the color by 10%, you get **00C0E4**, and if you desaturate by 10%, it is **17C4E4**.

# Distribution



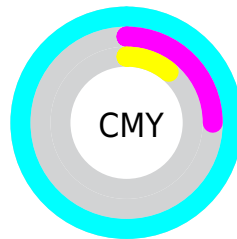
- Red (0%)
- Green (75%)
- Blue (89%)



- Red (0%)
- Yellow (41%)
- Blue (89%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (25%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C0E4 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 00C0E4 by changing the saturation by 10% instead.



 00C0E4

 00C0E4

FFFFFF

 00A5C8


 6CF9FF

 008AAC

 8EFFFF

 007092

 AEFFFF


 005878

 CEFFFF

 00405F

 EDFFFF

 002A47

 000F31

 00011B

 000000

 00C0E4

 17C4E4

 2EC7E4

 44CBE4

 5BCEE4

 72D2E4

 89D6E4

 A0D9E4

 B6DDE4

 CDE0E4

# Harmonies

## Analogous

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



18C3C4



00C0E4



5CB8F6

# Triad

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



00C0E4



ED95C1



B3B469

# Complementary

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



00C0E4



E42400

# 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.



D6A869



00C0E4



F7949C

# Square

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



00C0E4



CE9FE2



EE9C7C



8ABD7D

# Rectangle

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



00C0E4



88B1F8



EE9C7C



C0B066

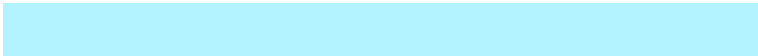


# Sweetspot

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



00C0E4



B3F3FF



00E422



527880



000000



808080



# Same Dimension

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



00C0E4



00D7FF



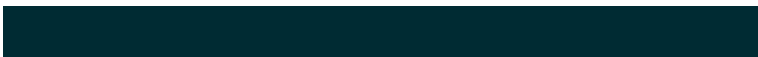
0050E4



677173



0096B3



002B33



# Inverse Universe

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



E400C0



FF00D7



E49400



736771



B30096

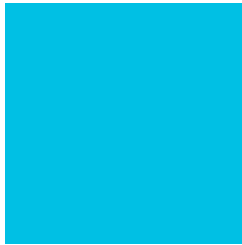


33002B



# Previews

## White Background



This preview shows how the Hex color 00C0E4 looks on a white background.

## Color Contrast Check

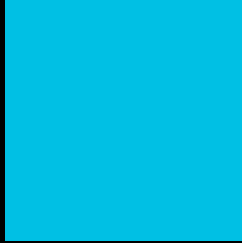
Large Text (above 18pt) WCAG AA × Fail

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 00C0E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

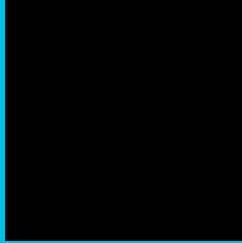
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C0E4 Background



This preview shows how black text looks on a background with the Hex color 00C0E4.

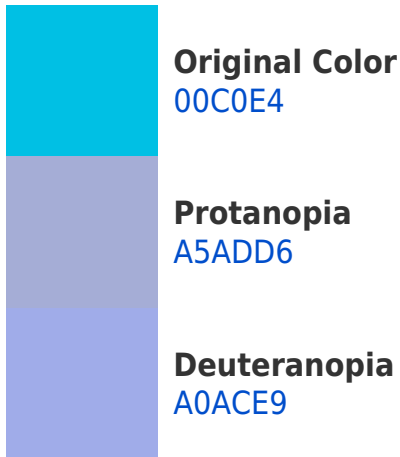


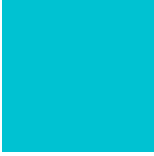
This preview shows how white text looks on a background with the Hex color 00C0E4.

# 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**  
00C2D2

# Trichromacy



**Original Color**  
00C0E4



**Protanomaly**  
69B4DB



**Deuteranomaly**  
66B3E7



**Tritanomaly**  
00C1D9

# Monochromacy



**Original Color**  
00C0E4



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
589EAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C0E4 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 #00C0E4 looks like.

```
.text, #text, p{  
    color:#00C0E4  
}
```

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 #00C0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C0E4
}
```

## Border

The CSS property to change the border of an element to Hex 00C0E4 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
#00C0E4 }
```

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

```
.border{ border-color:#00C0E4 }
```

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

Here you see how a box with a 4 pixel #00C0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C0E4; -webkit-box-shadow:4px 4px  
4px 4px #00C0E4; box-shadow:4px 4px 4px  
4px #00C0E4 }
```

# Background

The CSS property to change the background color of an element to Hex 00C0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C0E4 }
```

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

```
.background{ background-color:#00C0E4 }
```

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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