

Converting Colors

Hex(00C0E2)

Have a look what the booklet for
Hex(00C0E2) contains.

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Color

Hex(00C0E2)

Conversions

Conversions Part 1

Format	Color
Hex	00C0E2
RGB	0, 192, 226
RGB Percent	0%, 75%, 89%
CMY	1.0000, 0.2471, 0.1137
CMYK	1.00, 0.15, 0.00, 0.11
HSL	189°, 100%, 44%
HSV	189°, 100%, 89%
XYZ	32.5771, 43.1903, 78.5711
YIQ	138.4680, -125.3460, -30.1300

Conversions

Conversions Part 2

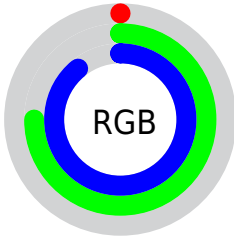
Format	Color
RYB	0, 104, 226
Decimal	49378
CIELab	71.68, -28.03, -28.21
CIELCh	72, 39.771, 225.180
Yxy	43.1903, 0.2111, 0.2798
Android (android.graphics.Color)	4278239458 (0xFF00C0E2)
YUV	138.4680, 43.1533, -121.4364
Hunter-Lab	65.7193, -26.5262, -24.8810

Details

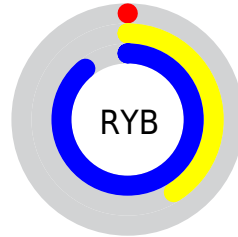
The Hex color **00C0E2** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E22200**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6CF9FF**, and **008AAB** is the 20% darker color. If you saturate the color by 10%, you get **00C0E2**, and if you desaturate by 10%, it is **17C3E2**.

Distribution



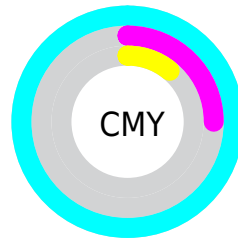
- Red (0%)
- Green (75%)
- Blue (89%)



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



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00C0E2 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 00C0E2 by changing the saturation by 10% instead.

 00C0E2

 00C0E2

FFFFFF

 00A5C6

 6CF9FF

 008AAB

 8EFFFF

 007090

 AEFFFF


 005876

 CDFFFF

 00405D

 EDFFFF

 002A46

 000F2F

 00011A

 000000


 00C0E2

 17C3E2

 2DC7E2

 44CAE2

 5ACEE2

 71D1E2

 88D4E2

 9ED8E2

 B5DBE2

 CBDFE2

Harmonies

Analogous

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



20C3C1



00C0E2



59B8F5

Triad

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



00C0E2



EB95C3



B5B368

Complementary

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



00C0E2



E22200

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.



D7A76A



00C0E2



F6949E

Square

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



00C0E2



CB9FE3



EE9B7E



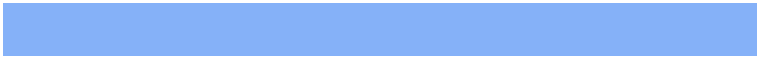
8CBC7B

Rectangle

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



00C0E2



85B1F8



EE9B7E



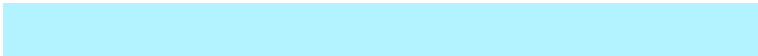
C1B066

Sweetspot

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



00C0E2



B3F3FF



00E222



527980



000000



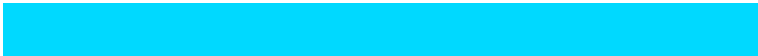
808080

Same Dimension

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



00C0E2



00D9FF



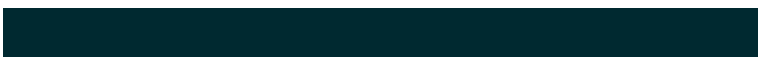
004FE2



656F70



0095B0



002930

Inverse Universe

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



E200C0



FF00D9



E29300



70656F



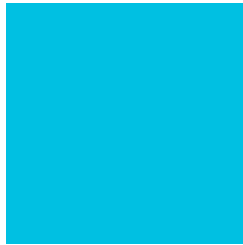
B00095



300029

Previews

White Background



This preview shows how the Hex color 00C0E2 looks on a white background.

Color Contrast Check

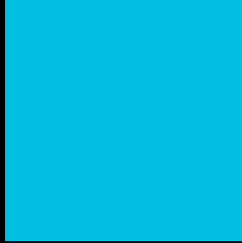
Large Text (above 18pt) WCAG AA × Fail

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 00C0E2 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 00C0E2 Background



This preview shows how black text looks on a background with the Hex color 00C0E2.

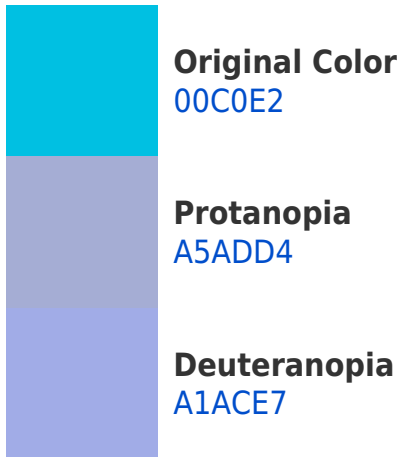


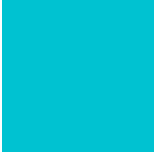
This preview shows how white text looks on a background with the Hex color 00C0E2.

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
00C2D1

Trichromacy



Original Color
00C0E2



Protanomaly
69B4D9



Deuteranomaly
66B3E5



Tritanomaly
00C1D7

Monochromacy



Original Color
00C0E2



Achromatopsia
8A8A8A



Achromatomaly
589EAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C0E2 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 #00C0E2 looks like.

```
.text, #text, p{  
    color:#00C0E2  
}
```

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 #00C0E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C0E2
}
```

Border

The CSS property to change the border of an element to Hex 00C0E2 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
#00C0E2 }
```

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

```
.border{ border-color:#00C0E2 }
```

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

Here you see how a box with a 4 pixel #00C0E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C0E2; -webkit-box-shadow:4px 4px  
4px 4px #00C0E2; box-shadow:4px 4px 4px  
4px #00C0E2 }
```

Background

The CSS property to change the background color of an element to Hex 00C0E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C0E2 }
```

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

```
.background{ background-color:#00C0E2 }
```

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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