

Converting Colors

Hex(00C2E2)

Have a look what the booklet for
Hex(00C2E2) contains.

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Color

Hex(00C2E2)

Conversions

Conversions Part 1

Format	Color
Hex	00C2E2
RGB	0, 194, 226
RGB Percent	0%, 76%, 89%
CMY	1.0000, 0.2392, 0.1137
CMYK	1.00, 0.14, 0.00, 0.11
HSL	188°, 100%, 44%
HSV	188°, 100%, 89%
XYZ	33.0193, 44.0746, 78.7184
YIQ	139.6420, -125.8960, -31.1760

Conversions

Conversions Part 2

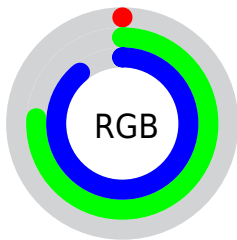
Format	Color
RYB	0, 104, 226
Decimal	49890
CIELab	72.28, -29.02, -27.30
CIELCh	72, 39.841, 223.249
Yxy	44.0746, 0.2119, 0.2829
Android (android.graphics.Color)	4278239970 (0xFF00C2E2)
YUV	139.6420, 42.5745, -122.4660
Hunter-Lab	66.3887, -27.4009, -23.8293

Details

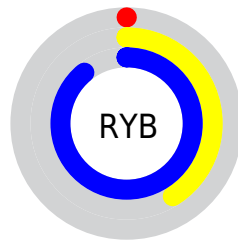
The Hex color **00C2E2** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E22000**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6CFBFF**, and **008CAB** is the 20% darker color. If you saturate the color by 10%, you get **00C2E2**, and if you desaturate by 10%, it is **17C5E2**.

Distribution



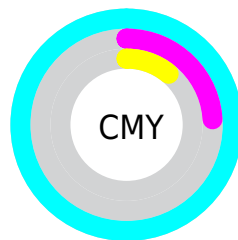
- Red (0%)
- Green (76%)
- Blue (89%)



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



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C2E2 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 00C2E2 by changing the saturation by 10% instead.

 00C2E2

 00C2E2

FFFFFF

 00A7C6

 6CFBFF

 008CAB

 8EFFFF

 007290

 AEFFFF

 005976

 CEFFFF

 00415D

 EDFFFF

 002B46

 00122F

 00011A

 000000

 00C2E2

 17C5E2

 2DC8E2

 44CCE2

 5ACFE2

 71D2E2

 88D5E2

 9ED8E2

 B5DCE2

 CBDFE2

Harmonies

Analogous

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



28C5C1



00C2E2



56BBF6

Triad

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



00C2E2



EB97C7



B9B469

Complementary

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



00C2E2



E22000

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.



DBA86C



00C2E2



F895A2

Square

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



00C2E2



CAA2E6



F19C81



91BE7B

Rectangle

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



00C2E2



82B3FA



F19C81



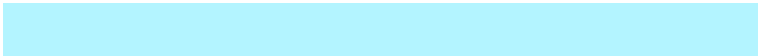
C5B068

Sweetspot

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



00C2E2



B3F4FF



00E21E



527980



000000



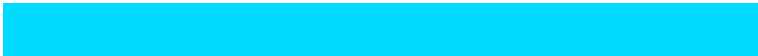
808080

Same Dimension

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



00C2E2



00DBFF



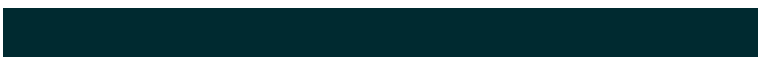
0053E2



656F70



0097B0



002A30

Inverse Universe

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



E200C2



FF00DB



E28F00



70656F



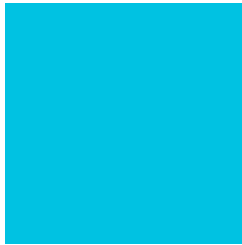
B00097



30002A

Previews

White Background



This preview shows how the Hex color 00C2E2 looks on a white background.

Color Contrast Check

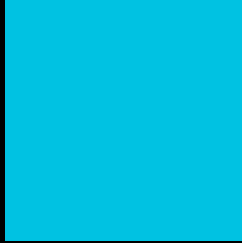
Large Text (above 18pt) WCAG AA × Fail

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 00C2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

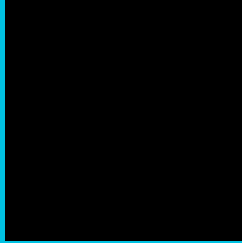
Any Text WCAG AA ✓ Pass

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 00C2E2 Background



This preview shows how black text looks on a background with the Hex color 00C2E2.

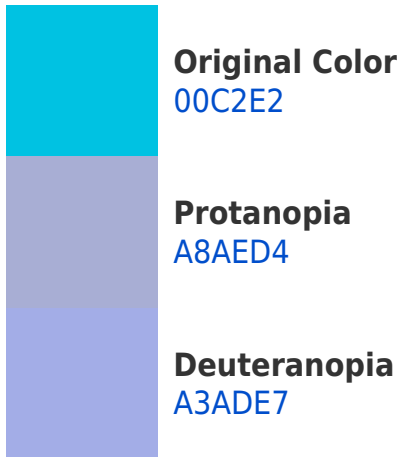


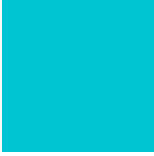
This preview shows how white text looks on a background with the Hex color 00C2E2.

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
00C4D3

Trichromacy



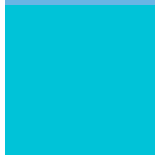
Original Color
00C2E2



Protanomaly
6BB5D9



Deuteranomaly
68B5E5

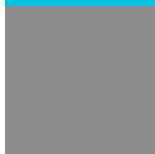


Tritanomaly
00C3D8

Monochromacy



Original Color
00C2E2



Achromatopsia
8C8C8C



Achromatomaly
59A0AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C2E2 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 #00C2E2 looks like.

```
.text, #text, p{  
    color:#00C2E2  
}
```

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 #00C2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2E2
}
```

Border

The CSS property to change the border of an element to Hex 00C2E2 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
#00C2E2 }
```

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

```
.border{ border-color:#00C2E2 }
```

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

Here you see how a box with a 4 pixel #00C2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2E2; -webkit-box-shadow:4px 4px  
4px 4px #00C2E2; box-shadow:4px 4px 4px  
4px #00C2E2 }
```

Background

The CSS property to change the background color of an element to Hex 00C2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2E2 }
```

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

```
.background{ background-color:#00C2E2 }
```

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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