

Converting Colors

Hex(00C3E3)

Have a look what the booklet for
Hex(00C3E3) contains.

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Color

Hex(00C3E3)

Conversions

Conversions Part 1

Format	Color
Hex	00C3E3
RGB	0, 195, 227
RGB Percent	0%, 76%, 89%
CMY	1.0000, 0.2353, 0.1098
CMYK	1.00, 0.14, 0.00, 0.11
HSL	188°, 100%, 45%
HSV	188°, 100%, 89%
XYZ	33.3802, 44.5763, 79.5178
YIQ	140.3430, -126.4920, -31.3880

Conversions

Conversions Part 2

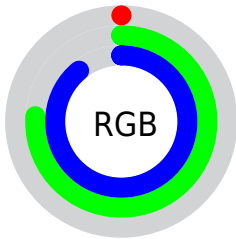
Format	Color
RYB	0, 105, 227
Decimal	50147
CIELab	72.61, -29.18, -27.33
CIELCh	73, 39.980, 223.121
Yxy	44.5763, 0.2120, 0.2831
Android (android.graphics.Color)	4278240227 (0xFF00C3E3)
YUV	140.3430, 42.7219, -123.0808
Hunter-Lab	66.7655, -27.5962, -23.8787

Details

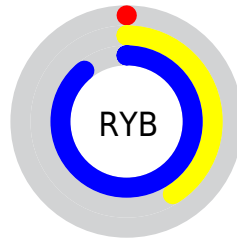
The Hex color **00C3E3** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E32000**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DFCFF**, and **008DAC** is the 20% darker color. If you saturate the color by 10%, you get **00C3E3**, and if you desaturate by 10%, it is **17C6E3**.

Distribution



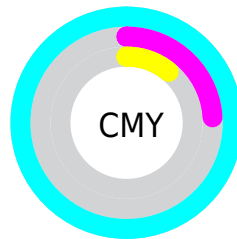
- Red (0%)
- Green (76%)
- Blue (89%)



- 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 00C3E3 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 00C3E3 by changing the saturation by 10% instead.

 00C3E3

 00C3E3

FFFFFF

 00A8C7

 6DFCFF

 008DAC

 8EFFFF

 007391

 AEFFFF

 005A77

 CEFFFF

 00425E

 EEEFFF

 002C46

 001330

 00011B

 000000

 00C3E3

 17C6E3

 2DC9E3

 44CDE3

 5BD0E3

 72D3E3

 88D6E3

 9FD9E3

 B6DDE3

 CCE0E3

Harmonies

Analogous

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



28C6C1



00C3E3



56BCF7

Triad

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



00C3E3



EC98C8



BAB56A

Complementary

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



00C3E3



E32000

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.



DCA96C



00C3E3



F996A3

Square

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



00C3E3



CBA3E8



F39D82



92BF7B

Rectangle

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



00C3E3



83B4FB



F39D82



C6B168

Sweetspot

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



00C3E3



B3F4FF



00E31E



527980



000000



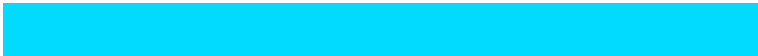
808080

Same Dimension

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



00C3E3



00DBFF



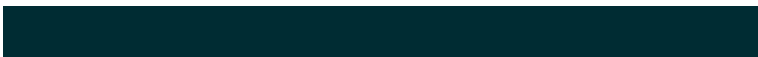
0053E3



677173



0099B3



002C33

Inverse Universe

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



E300C3



FF00DB



E39000



736771



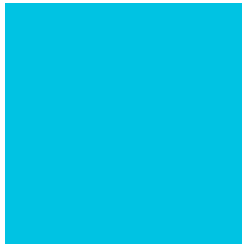
B30099



33002C

Previews

White Background



This preview shows how the Hex color 00C3E3 looks on a white background.

Color Contrast Check

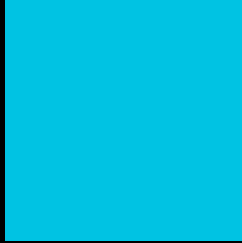
Large Text (above 18pt) WCAG AA × Fail

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 00C3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

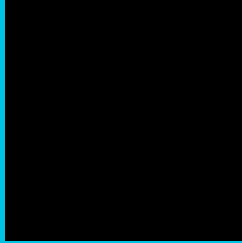
Any Text WCAG AA ✓ Pass

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 00C3E3 Background



This preview shows how black text looks on a background with the Hex color 00C3E3.

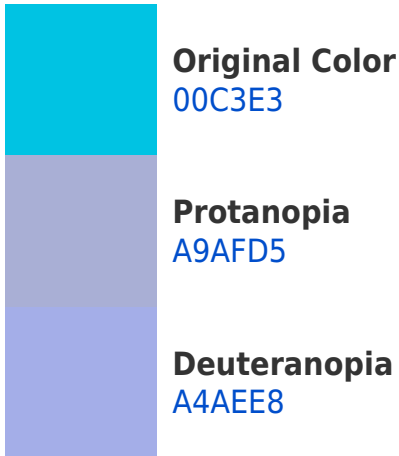


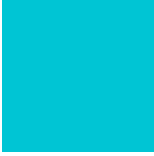
This preview shows how white text looks on a background with the Hex color 00C3E3.

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
00C5D4

Trichromacy



Original Color
00C3E3



Protanomaly
6CB6DA



Deuteranomaly
68B6E6



Tritanomaly
00C4D9

Monochromacy



Original Color
00C3E3



Achromatopsia
8C8C8C



Achromatomaly
59A0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C3E3 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 #00C3E3 looks like.

```
.text, #text, p{  
    color:#00C3E3  
}
```

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 #00C3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3E3
}
```

Border

The CSS property to change the border of an element to Hex 00C3E3 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
#00C3E3 }
```

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

```
.border{ border-color:#00C3E3 }
```

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

Here you see how a box with a 4 pixel #00C3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3E3; -webkit-box-shadow:4px 4px  
4px 4px #00C3E3; box-shadow:4px 4px 4px  
4px #00C3E3 }
```

Background

The CSS property to change the background color of an element to Hex 00C3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3E3 }
```

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

```
.background{ background-color:#00C3E3 }
```

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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