

Converting Colors

Hex(00C6E9)

Have a look what the booklet for
Hex(00C6E9) contains.

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Color

Hex(00C6E9)

Conversions

Conversions Part 1

Format	Color
Hex	00C6E9
RGB	0, 198, 233
RGB Percent	0%, 78%, 91%
CMY	1.0000, 0.2235, 0.0863
CMYK	1.00, 0.15, 0.00, 0.09
HSL	189°, 100%, 46%
HSV	189°, 100%, 91%
XYZ	34.9021, 46.2714, 84.1825
YIQ	142.7880, -129.2430, -31.0910

Conversions

Conversions Part 2

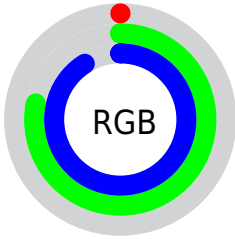
Format	Color
RYB	0, 107, 233
Decimal	50921
CIELab	73.72, -28.68, -28.87
CIELCh	74, 40.696, 225.188
Yxy	46.2714, 0.2111, 0.2798
Android (android.graphics.Color)	4278241001 (0xFF00C6E9)
YUV	142.7880, 44.4745, -125.2251
Hunter-Lab	68.0231, -27.4535, -25.7587

Details

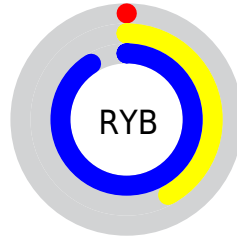
The Hex color **00C6E9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E92300**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6EFFFF**, and **0090B1** is the 20% darker color. If you saturate the color by 10%, you get **00C6E9**, and if you desaturate by 10%, it is **17C9E9**.

Distribution



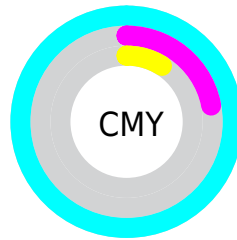
- Red (0%)
- Green (78%)
- Blue (91%)



- Red (0%)
- Yellow (42%)
- Blue (91%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C6E9 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 00C6E9 by changing the saturation by 10% instead.

 00C6E9

FFFFFF

 6EFFFF

 90FFFF

 B0FFFF

 D0FFFF

 F0FFFF

 00C6E9

 00ABCD

 0090B1

 007696

 005D7C

 004563

 002E4B

 001834

 00021F

 000002

 00C6E9

 17C9E9

 2FCDE9

 46D0E9

 5DD4E9

 75D7E9

 8CDBE9

 A3DFE9

 BAE2E9

 D2E6E9

Harmonies

Analogous

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



21C9C7



00C6E9



5CBefd

Triad

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



00C6E9



F29AC9



BBB96C

Complementary

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



00C6E9



E92300

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.



DEAC6D



00C6E9



FE98A3

Square

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



00C6E9



D1A5EA



F6A082



91C27F

Rectangle

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



00C6E9



89B7FF



F6A082



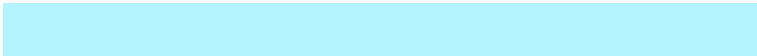
C7B56A

Sweetspot

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



00C6E9



B3F4FF



00E923



527980



000000



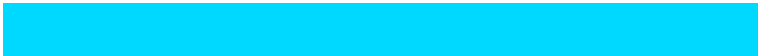
808080

Same Dimension

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



00C6E9



00D9FF



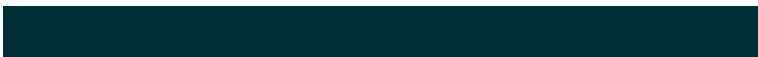
0052E9



6A7475



009AB5



002E36

Inverse Universe

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



E900C6



FF00D9



E99700



756A74



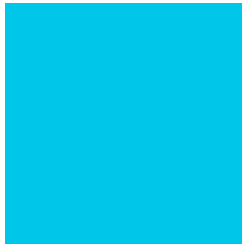
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 00C6E9 looks on a white background.

Color Contrast Check

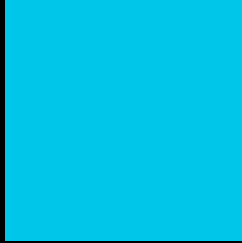
Large Text (above 18pt) WCAG AA × Fail

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 00C6E9 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 00C6E9 Background



This preview shows how black text looks on a background with the Hex color 00C6E9.

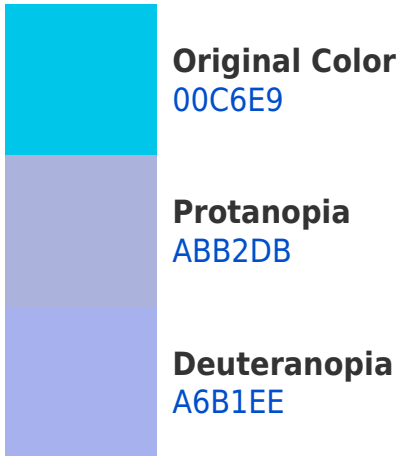


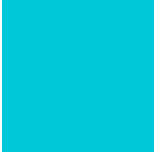
This preview shows how white text looks on a background with the Hex color 00C6E9.

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
00C8D8

Trichromacy



Original Color
00C6E9



Protanomaly
6DB9E0



Deuteranomaly
6AB9EC



Tritanomaly
00C7DE

Monochromacy



Original Color
00C6E9



Achromatopsia
8F8F8F



Achromatomaly
5BA3B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C6E9 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 #00C6E9 looks like.

```
.text, #text, p{  
    color:#00C6E9  
}
```

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 #00C6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C6E9
}
```

Border

The CSS property to change the border of an element to Hex 00C6E9 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
#00C6E9 }
```

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

```
.border{ border-color:#00C6E9 }
```

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

Here you see how a box with a 4 pixel #00C6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C6E9; -webkit-box-shadow:4px 4px  
4px 4px #00C6E9; box-shadow:4px 4px 4px  
4px #00C6E9 }
```

Background

The CSS property to change the background color of an element to Hex 00C6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C6E9 }
```

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

```
.background{ background-color:#00C6E9 }
```

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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