

Converting Colors

Hex(00C2E7)

Have a look what the booklet for
Hex(00C2E7) contains.

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Color

Hex(00C2E7)

Conversions

Conversions Part 1

Format	Color
Hex	00C2E7
RGB	0, 194, 231
RGB Percent	0%, 76%, 91%
CMY	1.0000, 0.2392, 0.0941
CMYK	1.00, 0.16, 0.00, 0.09
HSL	190°, 100%, 45%
HSV	190°, 100%, 91%
XYZ	33.7156, 44.3531, 82.3853
YIQ	140.2120, -127.5010, -29.6210

Conversions

Conversions Part 2

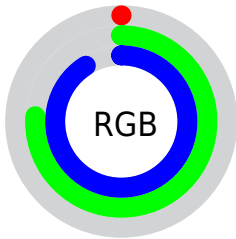
Format	Color
RYB	0, 105, 231
Decimal	49895
CIELab	72.46, -27.37, -29.72
CIELCh	72, 40.402, 227.364
Yxy	44.3531, 0.2101, 0.2764
Android (android.graphics.Color)	4278239975 (0xFF00C2E7)
YUV	140.2120, 44.7585, -122.9659
Hunter-Lab	66.5981, -26.1803, -26.7261

Details

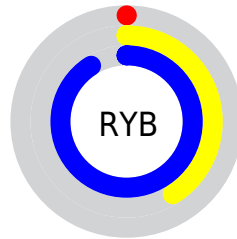
The Hex color **00C2E7** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E72500**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DFBFF**, and **008CAF** is the 20% darker color. If you saturate the color by 10%, you get **00C2E7**, and if you desaturate by 10%, it is **17C6E7**.

Distribution



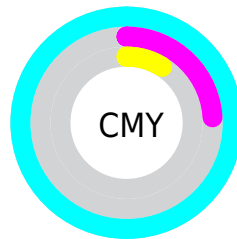
- Red (0%)
- Green (76%)
- Blue (91%)



- Red (0%)
- Yellow (41%)
- Blue (91%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C2E7 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 00C2E7 by changing the saturation by 10% instead.

 00C2E7

FFFFFF

 6DFBFF

 8FFFFFF

 AFFFFFF

 CFFFFFF

 EFFFFFF

 00C2E7

 00A7CB

 008CAF

 007295

 00597B

 004262

 002B4A

 001333

 00021D

 000000

 00C2E7

 17C6E7

 2EC9E7

 45CDE7

 5CD1E7

 74D4E7

 8BD8E7

 A2DCE7

 B9E0E7

 D0E3E7

Harmonies

Analogous

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



16C5C7



00C2E7



5EBAF9

Triad

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



00C2E7



F096C3



B4B66A

Complementary

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



00C2E7



E72500

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.



D8AA6A



00C2E7



FA959E

Square

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



00C2E7



D1A0E4



F09E7D



8ABF7E

Rectangle

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



00C2E7



8AB2FB



F09E7D



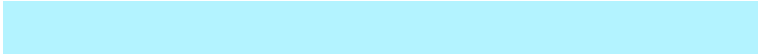
C1B267

Sweetspot

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



00C2E7



B3F3FF



00E723



527880



000000



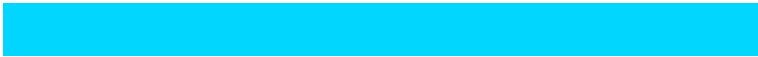
808080

Same Dimension

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



00C2E7



00D6FF



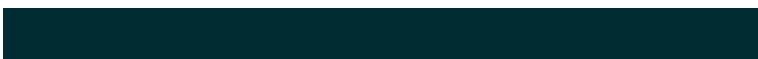
0051E7



677173



0096B3



002B33

Inverse Universe

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



E700C2



FF00D6



E79600



736771



B30096



33002B

Previews

White Background



This preview shows how the Hex color 00C2E7 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 00C2E7 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 00C2E7 Background



This preview shows how black text looks on a background with the Hex color 00C2E7.

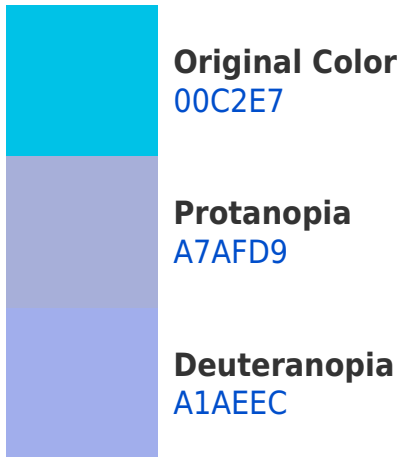


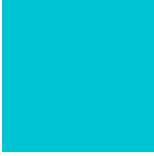
This preview shows how white text looks on a background with the Hex color 00C2E7.

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
00C4D4

Trichromacy



Original Color
00C2E7



Protanomaly
6AB6DE



Deuteranomaly
66B5EA



Tritanomaly
00C3DB

Monochromacy



Original Color
00C2E7



Achromatopsia
8C8C8C



Achromatomaly
59A0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C2E7 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 #00C2E7 looks like.

```
.text, #text, p{  
    color:#00C2E7  
}
```

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 #00C2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2E7
}
```

Border

The CSS property to change the border of an element to Hex 00C2E7 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
#00C2E7 }
```

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

```
.border{ border-color:#00C2E7 }
```

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

Here you see how a box with a 4 pixel #00C2E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2E7; -webkit-box-shadow:4px 4px  
4px 4px #00C2E7; box-shadow:4px 4px 4px  
4px #00C2E7 }
```

Background

The CSS property to change the background color of an element to Hex 00C2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2E7 }
```

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

```
.background{ background-color:#00C2E7 }
```

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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