

# Converting Colors

Hex(00C1E5)

Have a look what the booklet for  
Hex(00C1E5) contains.

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# **Color**

**Hex(00C1E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C1E5
RGB	0, 193, 229
RGB Percent	0%, 76%, 90%
CMY	1.0000, 0.2431, 0.1020
CMYK	1.00, 0.16, 0.00, 0.10
HSL	189°, 100%, 45%
HSV	189°, 100%, 90%
XYZ	33.2128, 43.7971, 80.8319
YIQ	139.3970, -126.5840, -29.7200

# Conversions

## Conversions Part 2

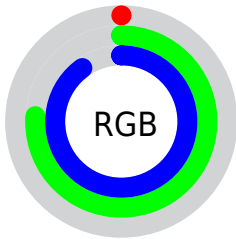
Format	Color
<b>RYB</b>	0, 105, 229
Decimal	49637
CIELab	72.09, -27.53, -29.21
CIELCh	72, 40.142, 226.692
Yxy	43.7971, 0.2104, 0.2775
Android (android.graphics.Color)	4278239717 (0xFF00C1E5)
YUV	139.3970, 44.1743, -122.2512
Hunter-Lab	66.1794, -26.2317, -26.0917

# Details

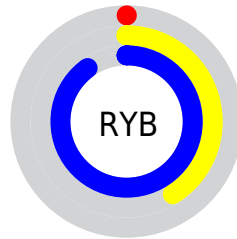
The Hex color **00C1E5** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E52400**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6DFAFF**, and **008BAD** is the 20% darker color. If you saturate the color by 10%, you get **00C1E5**, and if you desaturate by 10%, it is **17C5E5**.

# Distribution



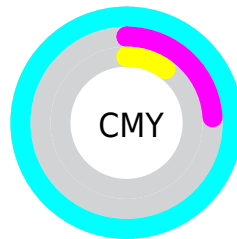
- Red (0%)
- Green (76%)
- Blue (90%)



- Red (0%)
- Yellow (41%)
- Blue (90%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (24%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C1E5 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 00C1E5 by changing the saturation by 10% instead.



 00C1E5

 00C1E5

FFFFFF

 00A6C9

 6DFAFF

 008BAD

 8EFFFF

 007193

 AFFFFF

 005979

 CEFFFF

 004160

 EEEFFF

 002A48

 001131

 00011C

 000000

 00C1E5

 17C5E5

 2EC8E5

 45CCE5

 5CCFE5

 73D3E5

 89D7E5

 A0DAE5

 B7DEE5

 CEE1E5

# Harmonies

## Analogous

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



19C4C5



00C1E5



5CB9F7

# Triad

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



00C1E5



EE96C3



B4B569

# Complementary

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



00C1E5



E52400

# 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.



D7A969



00C1E5



F8959D

# Square

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



00C1E5



CEA0E3



EF9C7D



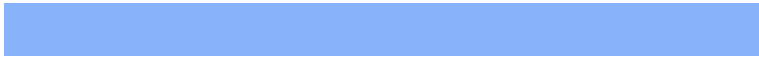
8BBE7D

# Rectangle

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



00C1E5



88B2F9



EF9C7D



C1B167

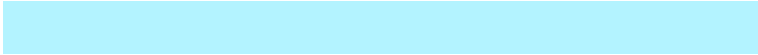


# Sweetspot

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



00C1E5



B3F3FF



00E522



527880



000000



808080

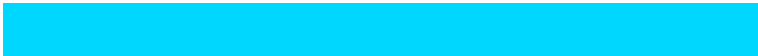


# Same Dimension

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



00C1E5



00D7FF



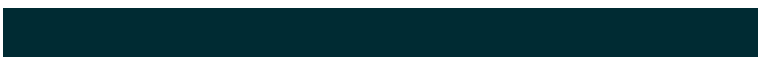
0050E5



677173



0096B3



002B33



# Inverse Universe

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



E500C1



FF00D7



E59500



736771



B30096

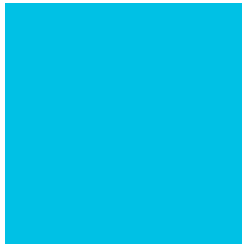


33002B



# Previews

## White Background



This preview shows how the Hex color 00C1E5 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 00C1E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

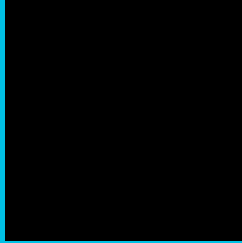
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00C1E5 Background



This preview shows how black text looks on a background with the Hex color 00C1E5.

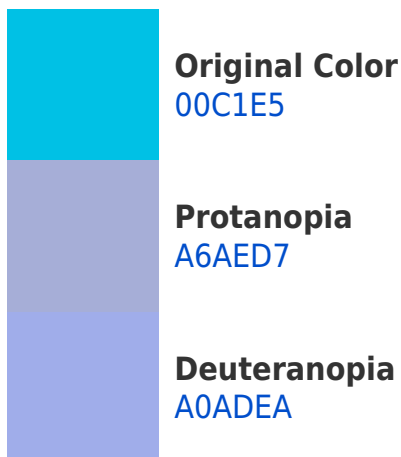


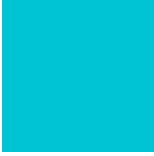
This preview shows how white text looks on a background with the Hex color 00C1E5.

# 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**  
00C3D3

# Trichromacy



**Original Color**  
00C1E5



**Protanomaly**  
6AB5DC



**Deuteranomaly**  
66B4E8



**Tritanomaly**  
00C2DA

# Monochromacy



**Original Color**  
00C1E5



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
589FAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C1E5 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 #00C1E5 looks like.

```
.text, #text, p{  
    color:#00C1E5  
}
```

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 #00C1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C1E5
}
```

## Border

The CSS property to change the border of an element to Hex 00C1E5 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
#00C1E5 }
```

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

```
.border{ border-color:#00C1E5 }
```

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

Here you see how a box with a 4 pixel #00C1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C1E5; -webkit-box-shadow:4px 4px  
4px 4px #00C1E5; box-shadow:4px 4px 4px  
4px #00C1E5 }
```

# Background

The CSS property to change the background color of an element to Hex 00C1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C1E5 }
```

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

```
.background{ background-color:#00C1E5 }
```

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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