

Converting Colors

Hex(00CEE5)

Have a look what the booklet for
Hex(00CEE5) contains.

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Color

Hex(00CEE5)

Conversions

Conversions Part 1

Format	Color
Hex	00CEE5
RGB	0, 206, 229
RGB Percent	0%, 81%, 90%
CMY	1.0000, 0.1922, 0.1020
CMYK	1.00, 0.10, 0.00, 0.10
HSL	186°, 100%, 45%
HSV	186°, 100%, 90%
XYZ	36.2142, 49.7998, 81.8324
YIQ	147.0280, -130.1590, -36.5190

Conversions

Conversions Part 2

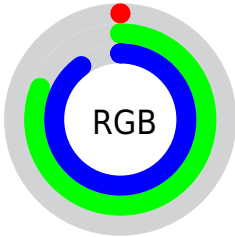
Format	Color
RYB	0, 108, 229
Decimal	52965
CIELab	75.95, -33.84, -23.31
CIELCh	76, 41.092, 214.560
Yxy	49.7998, 0.2158, 0.2967
Android (android.graphics.Color)	4278243045 (0xFF00CEE5)
YUV	147.0280, 40.4122, -128.9436
Hunter-Lab	70.5689, -31.8940, -19.3549

Details

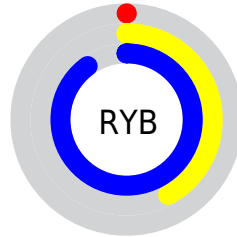
The Hex color **00CEE5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **E51700**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6EFFFF**, and **0097AD** is the 20% darker color. If you saturate the color by 10%, you get **00CEE5**, and if you desaturate by 10%, it is **17D0E5**.

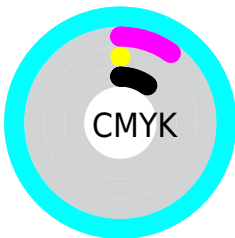
Distribution



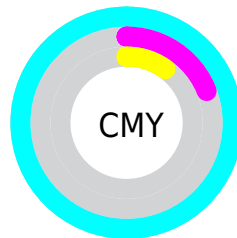
- Red (0%)
- Green (81%)
- Blue (90%)



- Red (0%)
- Yellow (42%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CEE5 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 00CEE5 by changing the saturation by 10% instead.

 00CEE5

 00CEE5

FFFFFF

 00B2C9

 6EFFFF

 0097AD

 90FFFF

 007D93

 B1FFFF

 006379

 D1FFFF

 004B60

 F0FFFF

 003348

 001F32

 00021D

 000000

 00CEE5

 17D0E5

 2ED3E5

 45D5E5

 5CD7E5

 73DAE5

 89DCE5

 A0DEE5

 B7E0E5

 CEE3E5

Harmonies

Analogous

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



41D0C0



00CEE5



48C8FF

Triad

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



00CEE5



F0A3DD



CEBB6F

Complementary

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



00CEE5



E51700

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.



EFAE77



00CEE5



FF9DB7

Square

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



00CEE5



C7AFFA



FFA292



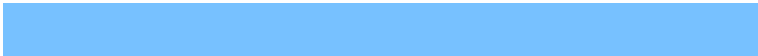
A6C67B

Rectangle

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



00CEE5



77C1FF



FFA292



DAB76F

Sweetspot

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



00CEE5



B3F7FF



00E517



527B80



000000



808080

Same Dimension

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



00CEE5



00E5FF



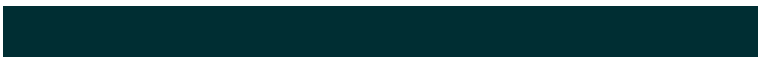
005CE5



677273



00A1B3



002E33

Inverse Universe

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



E500CE



FF00E5



E58900



736772



B300A1



33002E

Previews

White Background



This preview shows how the Hex color 00CEE5 looks on a white background.

Color Contrast Check

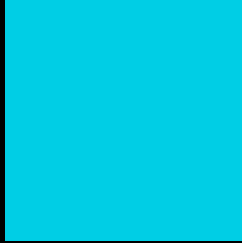
Large Text (above 18pt) WCAG AA × Fail

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 00CEE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

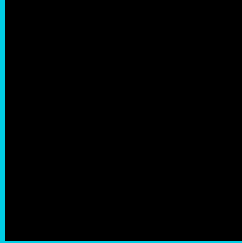
Any Text WCAG AA ✓ Pass

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 00CEE5 Background



This preview shows how black text looks on a background with the Hex color 00CEE5.



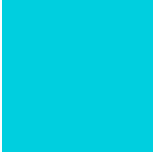
This preview shows how white text looks on a background with the Hex color 00CEE5.

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

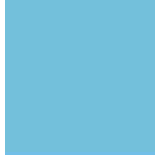




Trichromacy



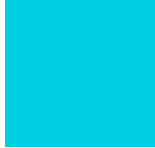
Original Color
00CEE5



Protanomaly
73C0DB



Deuteranomaly
72BFE8



Tritanomaly
00CFE1

Monochromacy



Original Color
00CEE5



Achromatopsia
939393



Achromatomaly
5EA8B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CEE5 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 #00CEE5 looks like.

```
.text, #text, p{  
    color:#00CEE5  
}
```

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 #00CEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CEE5
}
```

Border

The CSS property to change the border of an element to Hex 00CEE5 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
#00CEE5 }
```

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

```
.border{ border-color:#00CEE5 }
```

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

Here you see how a box with a 4 pixel #00CEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CEE5; -webkit-box-shadow:4px 4px  
4px 4px #00CEE5; box-shadow:4px 4px 4px  
4px #00CEE5 }
```

Background

The CSS property to change the background color of an element to Hex 00CEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CEE5 }
```

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

```
.background{ background-color:#00CEE5 }
```

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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