

Converting Colors

Hex(00DCEC)

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

Hex(00DCEC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00DCEC)

Conversions

Conversions Part 1

Format	Color
Hex	00DCEC
RGB	0, 220, 236
RGB Percent	0%, 86%, 93%
CMY	1.0000, 0.1373, 0.0745
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 100%, 46%
HSV	184°, 100%, 93%
XYZ	40.7335, 57.2425, 88.2589
YIQ	156.0440, -136.2560, -41.6640

Conversions

Conversions Part 2

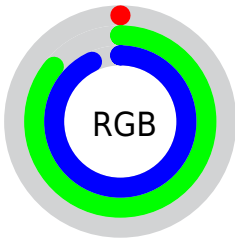
Format	Color
RYB	0, 114, 236
Decimal	56556
CIELab	80.32, -38.18, -20.42
CIELCh	80, 43.299, 208.134
Yxy	57.2425, 0.2187, 0.3074
Android (android.graphics.Color)	4278246636 (0xFF00DCEC)
YUV	156.0440, 39.4183, -136.8506
Hunter-Lab	75.6588, -36.3013, -16.2029

Details

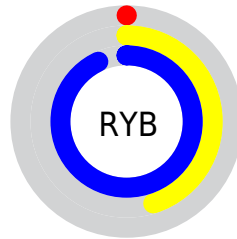
The Hex color **00DCEC** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EC1000**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **71FFFF**, and **00A4B4** is the 20% darker color. If you saturate the color by 10%, you get **00DCEC**, and if you desaturate by 10%, it is **18DEEC**.

Distribution



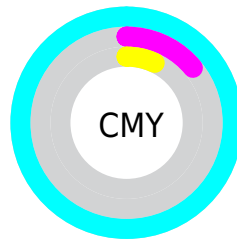
- Red (0%)
- Green (86%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 00DCEC

 00DCEC

FFFFFF

 00C0D0

 71FFFF

 00A4B4

 94FFFF

 008A99

 B5FFFF

 00707F

 D5FFFF

 005666

 F5FFFF

 003E4E

 002937

 000422

 000009

 00DCEC

 18DEEC

 2FDFEC

 47E1EC

 5EE2EC

 76E4EC

 8EE6EC

 A5E7EC

 BDE9EC

 D4EAEC

Harmonies

Analogous

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



52DDC3



00DCEC



39D7FF

Triad

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



00DCEC



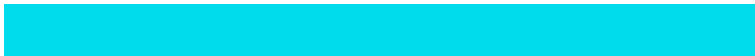
F8B0F3



E4C476

Complementary

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



00DCEC



EC1000

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.



FFB684



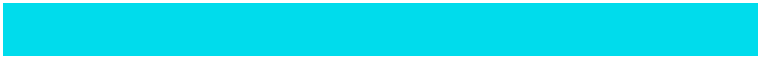
00DCEC



FFA8CB

Square

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



00DCEC



C8BEFF



FFABA3



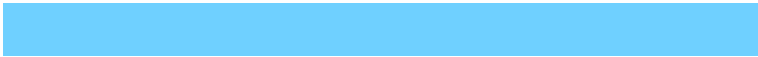
BAD07E

Rectangle

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



00DCEC



6FD0FF



FFABA3



F0BF78

Sweetspot

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



00DCEC



B3FAFF



00EC10



527C80



000000



808080

Same Dimension

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



00DCEC



00EEFF



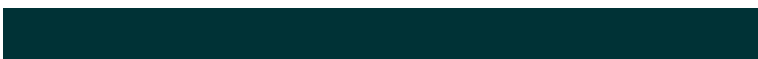
0066EC



6A7575



00A9B5



003236

Inverse Universe

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



EC00DC



FF00EE



EC8600



756A75



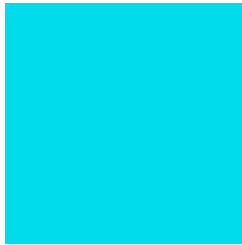
B500A9



360032

Previews

White Background



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

Color Contrast Check

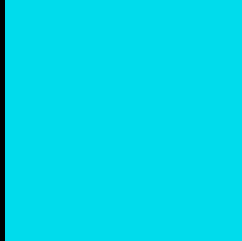
Large Text (above 18pt) WCAG AA × Fail

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 00DCEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

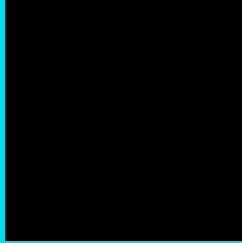
Any Text WCAG AA ✓ Pass

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 00DCEC Background



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

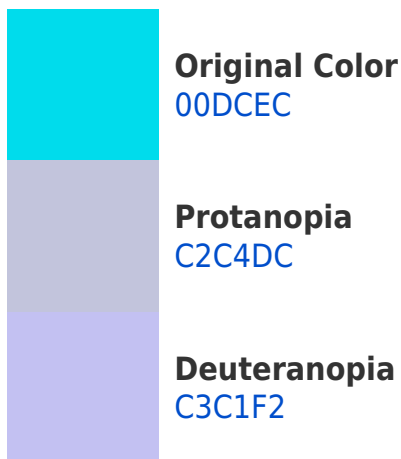


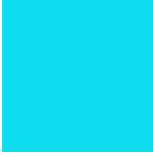
This preview shows how white text looks on a background with the Hex color 00DCEC.

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

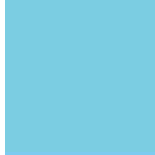




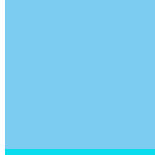
Trichromacy



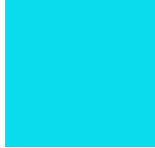
Original Color
00DCEC



Protanomaly
7BCDE2



Deuteranomaly
7CCBF0



Tritanomaly
0ADCED

Monochromacy



Original Color
00DCEC



Achromatopsia
9C9C9C



Achromatomaly
63B3B9

CSS Examples

Text

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

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

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 #00DCEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor