

Converting Colors

Hex(00DAEC)

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

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Color

Hex(00DAEC)

Conversions

Conversions Part 1

Format	Color
Hex	00DAEC
RGB	0, 218, 236
RGB Percent	0%, 85%, 93%
CMY	1.0000, 0.1451, 0.0745
CMYK	1.00, 0.08, 0.00, 0.07
HSL	185°, 100%, 46%
HSV	185°, 100%, 93%
XYZ	40.2117, 56.1989, 88.0850
YIQ	154.8700, -135.7060, -40.6180

Conversions

Conversions Part 2

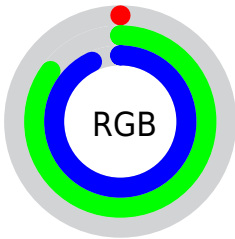
Format	Color
RYB	0, 113, 236
Decimal	56044
CIELab	79.73, -37.26, -21.31
CIELCh	80, 42.925, 209.765
Yxy	56.1989, 0.2180, 0.3046
Android (android.graphics.Color)	4278246124 (0xFF00DAEC)
YUV	154.8700, 39.9971, -135.8210
Hunter-Lab	74.9659, -35.4430, -17.1896

Details

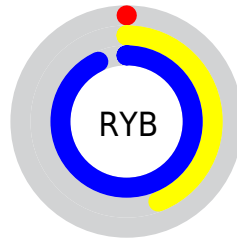
The Hex color **00DAEC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EC1200**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **71FFFF**, and **00A2B4** is the 20% darker color. If you saturate the color by 10%, you get **00DAEC**, and if you desaturate by 10%, it is **18DCEC**.

Distribution



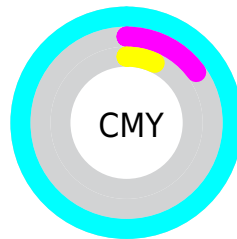
- Red (0%)
- Green (85%)
- Blue (93%)



- Red (0%)
- Yellow (44%)
- Blue (93%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 00DAEC

 00DAEC

FFFFFF

 00BED0


 71FFFF

 00A2B4

 94FFFF

 008899

 B4FFFF

 006E7F

 D4FFFF

 005566

 F4FFFF

 003D4E

 002837

 000222

 000009

 00DAEC

 18DCEC

 2FDDEC

 47DFEC

 5EE1EC

 76E3EC

 8EE5EC

 A5E7EC

 BDE8EC

 D4EAEC

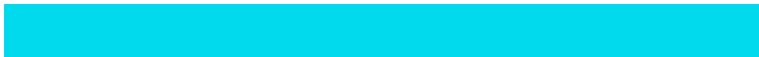
Harmonies

Analogous

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



4EDBC4



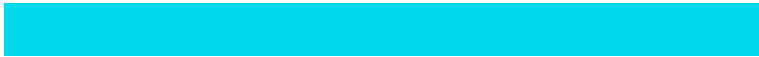
00DAEC



3ED4FF

Triad

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



00DAEC



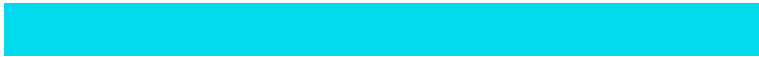
F8AEFF



E0C375

Complementary

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



00DAEC



EC1200

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.



FFB582



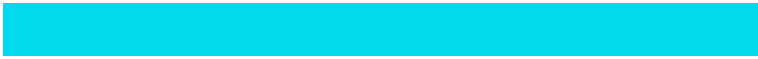
00DAEC



FFA6C7

Square

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



00DAEC



CABBFF



FFAAA0



B7CF7F

Rectangle

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



00DAEC



72CEFF



FFAAA0



ECBE77

Sweetspot

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



00DAEC



B3F9FF



00EC10



527C80



000000



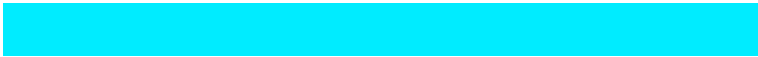
808080

Same Dimension

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



00DAEC



00ECFF



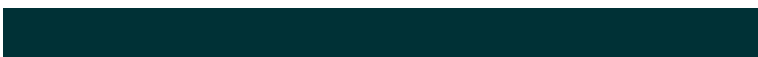
0066EC



6A7475



00A7B5



003136

Inverse Universe

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



EC00DA



FF00EC



EC8600



756A74



B500A7



360031

Previews

White Background



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

Color Contrast Check

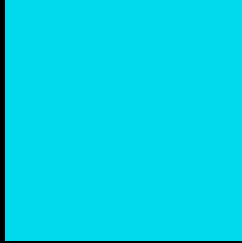
Large Text (above 18pt) WCAG AA × Fail

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 00DAEC 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 00DAEC Background



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

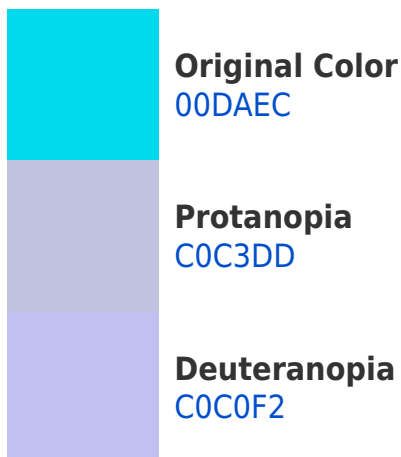


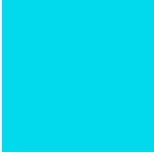
This preview shows how white text looks on a background with the Hex color 00DAEC.

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

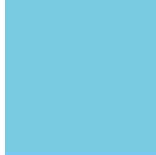




Trichromacy



Original Color
00DAEC



Protanomaly
7ACBE2



Deuteranomaly
7AC9F0



Tritanomaly
00DAEC

Monochromacy



Original Color
00DAEC



Achromatopsia
9B9B9B



Achromatomaly
63B2B8

CSS Examples

Text

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

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

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 #00DAEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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