

Converting Colors

Hex(00DDEF)

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

Hex(00DDEF)	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(00DDEF)

Conversions

Conversions Part 1

Format	Color
Hex	00DDEF
RGB	0, 221, 239
RGB Percent	0%, 87%, 94%
CMY	1.0000, 0.1333, 0.0627
CMYK	1.00, 0.08, 0.00, 0.06
HSL	185°, 100%, 47%
HSV	185°, 100%, 94%
XYZ	41.4364, 57.9449, 90.6619
YIQ	156.9730, -137.4940, -41.2540

Conversions

Conversions Part 2

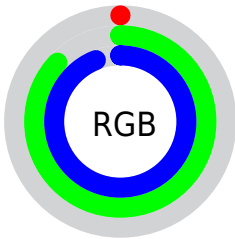
Format	Color
RYB	0, 115, 239
Decimal	56815
CIELab	80.71, -37.72, -21.42
CIELCh	81, 43.375, 209.589
Yxy	57.9449, 0.2180, 0.3049
Android (android.graphics.Color)	4278246895 (0xFF00DDEF)
YUV	156.9730, 40.4393, -137.6653
Hunter-Lab	76.1215, -36.0470, -17.3302

Details

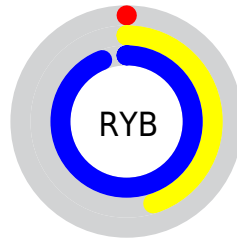
The Hex color **00DDEF** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **EF1200**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **72FFFF**, and **00A5B7** is the 20% darker color. If you saturate the color by 10%, you get **00DDEF**, and if you desaturate by 10%, it is **18DFEF**.

Distribution



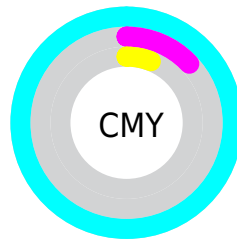
- Red (0%)
- Green (87%)
- Blue (94%)



- Red (0%)
- Yellow (45%)
- Blue (94%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

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

 00DDEF

 00DDEF

FFFFFF

 00C1D3

 72FFFF

 00A5B7

 95FFFF

 008B9C

 B5FFFF

 007182

 D6FFFF

 005769

 F6FFFF

 003F51

 00293A

 000724

 00010D

 00DDEF

 18DFEF

 30E1EF

 48E2EF

 60E4EF

 77E6EF

 8FE8EF

 A7EAEF

 BFEBEF

 D7EDEF

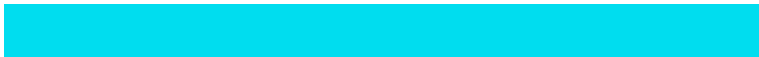
Harmonies

Analogous

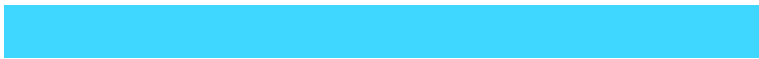
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50DEC6



00DDEF



3FD7FF

Triad

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



00DDEF



FBB0F2



E3C676

Complementary

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



00DDEF



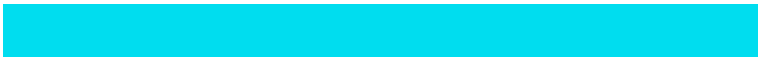
EF1200

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.



FFB883



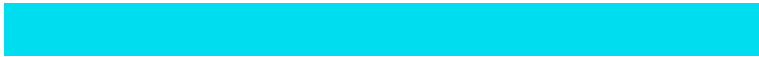
00DDEF



FFA9CA

Square

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



00DDEF



CCBEFF



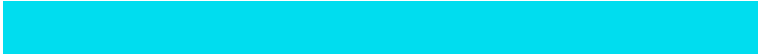
FFACA2



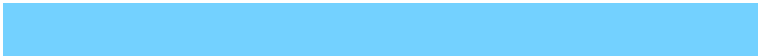
B9D280

Rectangle

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



00DDEF



73D1FF



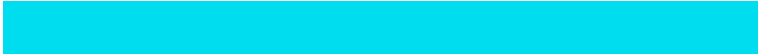
FFACA2



EFC178

Sweetspot

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



00DDEF



B3F9FF



00EF10



527C80



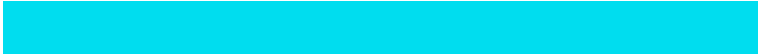
000000



808080

Same Dimension

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



00DDEF



00ECFF



0068EF



6C7778



00AAB8



003438

Inverse Universe

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



EF00DD



FF00EC



EF8700



786C77



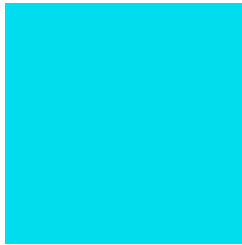
B800AA



380034

Previews

White Background



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

Color Contrast Check

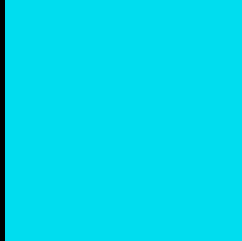
Large Text (above 18pt) WCAG AA × Fail

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 00DDEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

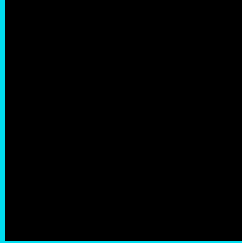
Any Text WCAG AA ✓ Pass

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 00DDEF Background



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

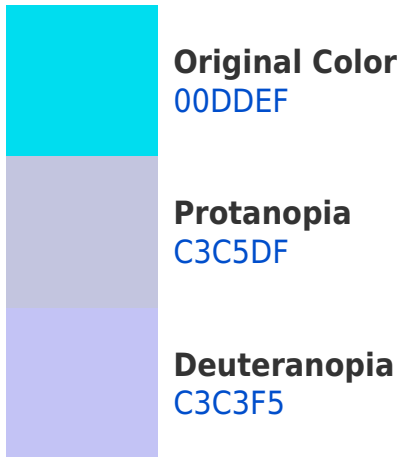


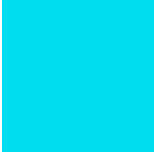
This preview shows how white text looks on a background with the Hex color 00DDEF.

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



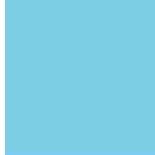


Tritanopia
00DDEF

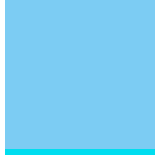
Trichromacy



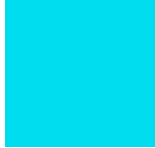
Original Color
00DDEF



Protanomaly
7CCEE5



Deuteranomaly
7CCCF3

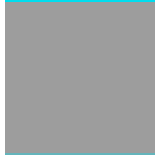


Tritanomaly
00DDEF

Monochromacy



Original Color
00DDEF



Achromatopsia
9D9D9D



Achromatomaly
64B4BB

CSS Examples

Text

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

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

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 #00DDEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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