

Converting Colors

Hex(00DEF7)

Have a look what the booklet for
Hex(00DEF7) contains.

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Color

Hex(00DEF7)

Conversions

Conversions Part 1

Format	Color
Hex	00DEF7
RGB	0, 222, 247
RGB Percent	0%, 87%, 97%
CMY	1.0000, 0.1294, 0.0314
CMYK	1.00, 0.10, 0.00, 0.03
HSL	186°, 100%, 48%
HSV	186°, 100%, 97%
XYZ	42.9098, 58.9580, 97.1141
YIQ	158.4720, -140.3370, -39.2890

Conversions

Conversions Part 2

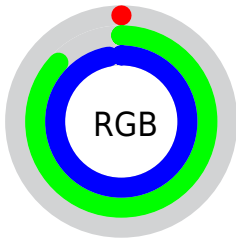
Format	Color
RYB	0, 117, 247
Decimal	57079
CIELab	81.27, -35.69, -24.81
CIELCh	81, 43.470, 214.807
Yxy	58.9580, 0.2156, 0.2963
Android (android.graphics.Color)	4278247159 (0xFF00DEF7)
YUV	158.4720, 43.6443, -138.9799
Hunter-Lab	76.7841, -34.6198, -21.2393

Details

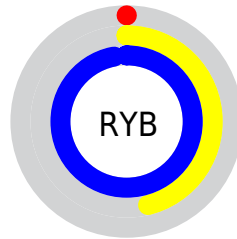
The Hex color **00DEF7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F71900**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **73FFFF**, and **00A6BF** is the 20% darker color. If you saturate the color by 10%, you get **00DEF7**, and if you desaturate by 10%, it is **19E1F7**.

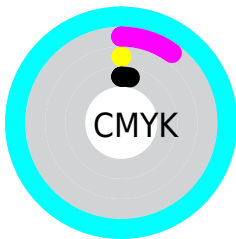
Distribution



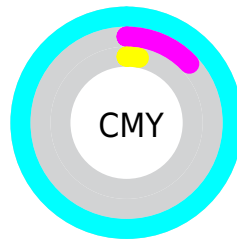
- Red (0%)
- Green (87%)
- Blue (97%)



- Red (0%)
- Yellow (46%)
- Blue (97%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DEF7 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 00DEF7 by changing the saturation by 10% instead.

 00DEF7

FFFFFF

 73FFFF

 96FFFF

 B7FFFF

 D8FFFF

 F8FFFF

 00DEF7

 00C2DA

 00A6BF

 008CA3

 007289

 005970

 004057

 002A40

 000C2A

 000114

 00DEF7

 19E1F7

 31E3F7

 4AE6F7

 63E8F7

 7CEBF7

 94EDF7

 ADF0F7

 C6F2F7

 DEF5F7

Harmonies

Analogous

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



46E0CF



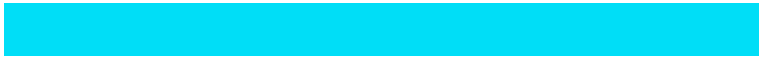
00DEF7



4FD7FF

Triad

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



00DEF7



FFB0ED



DECA78

Complementary

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



00DEF7



F71900

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.



FFBB81



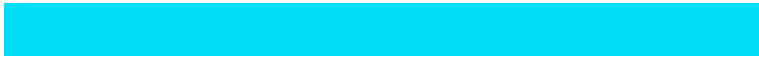
00DEF7



FFAAC5

Square

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



00DEF7



D7BDFF



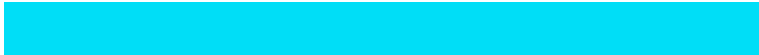
FFAF9D



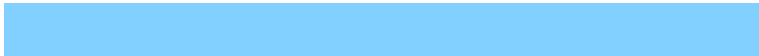
B3D586

Rectangle

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



00DEF7



82D0FF



FFAF9D



EBC578

Sweetspot

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



00DEF7



B3F7FF



00F719



527B80



000000



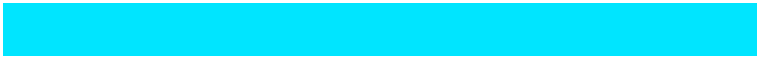
808080

Same Dimension

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



00DEF7



00E5FF



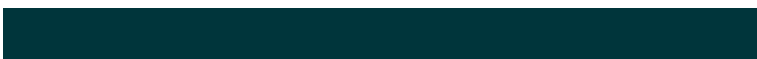
0063F7



6E797A



00A7BA



00353B

Inverse Universe

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



F700DE



FF00E5



F79400



7A6E79



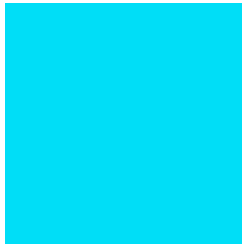
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 00DEF7 looks on a white background.

Color Contrast Check

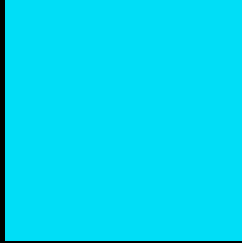
Large Text (above 18pt) WCAG AA × Fail

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 00DEF7 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 00DEF7 Background



This preview shows how black text looks on a background with the Hex color 00DEF7.

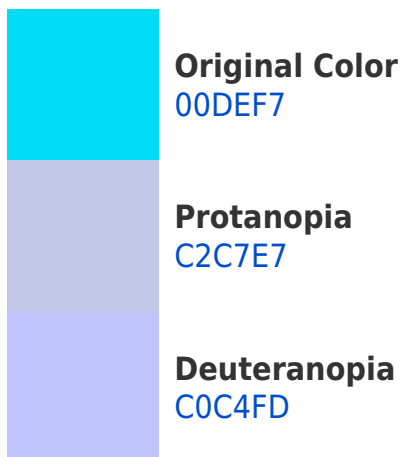


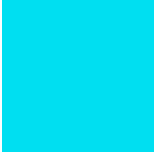
This preview shows how white text looks on a background with the Hex color 00DEF7.

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



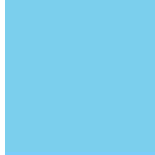


Tritanopia
00DFF1

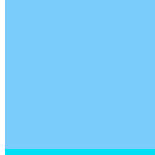
Trichromacy



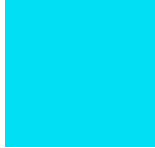
Original Color
00DEF7



Protanomaly
7BCFED



Deuteranomaly
7ACDFB

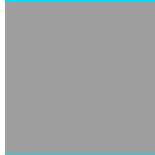


Tritanomaly
00DFF3

Monochromacy



Original Color
00DEF7



Achromatopsia
9E9E9E



Achromatomaly
65B5BE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DEF7 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 #00DEF7 looks like.

```
.text, #text, p{  
    color:#00DEF7  
}
```

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 #00DEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DEF7
}
```

Border

The CSS property to change the border of an element to Hex 00DEF7 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
#00DEF7 }
```

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

```
.border{ border-color:#00DEF7 }
```

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

Here you see how a box with a 4 pixel #00DEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DEF7; -webkit-box-shadow:4px 4px  
4px 4px #00DEF7; box-shadow:4px 4px 4px  
4px #00DEF7 }
```

Background

The CSS property to change the background color of an element to Hex 00DEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DEF7 }
```

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

```
.background{ background-color:#00DEF7 }
```

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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