

Converting Colors

Hex(00DAF3)

Have a look what the booklet for
Hex(00DAF3) contains.

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Color

Hex(00DAF3)

Conversions

Conversions Part 1

Format	Color
Hex	00DAF3
RGB	0, 218, 243
RGB Percent	0%, 85%, 95%
CMY	1.0000, 0.1451, 0.0471
CMYK	1.00, 0.10, 0.00, 0.05
HSL	186°, 100%, 48%
HSV	186°, 100%, 95%
XYZ	41.2491, 56.6139, 93.5475
YIQ	155.6680, -137.9530, -38.4410

Conversions

Conversions Part 2

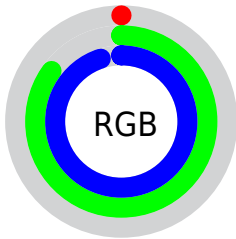
Format	Color
RYB	0, 115, 243
Decimal	56051
CIELab	79.96, -35.07, -24.68
CIELCh	80, 42.887, 215.132
Yxy	56.6139, 0.2155, 0.2958
Android (android.graphics.Color)	4278246131 (0xFF00DAF3)
YUV	155.6680, 43.0547, -136.5208
Hunter-Lab	75.2422, -33.8171, -21.0449

Details

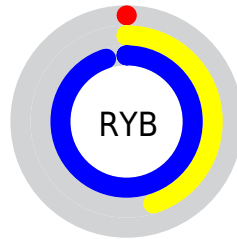
The Hex color **00DAF3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F31900**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFFF**, and **00A3BB** is the 20% darker color. If you saturate the color by 10%, you get **00DAF3**, and if you desaturate by 10%, it is **18DDF3**.

Distribution



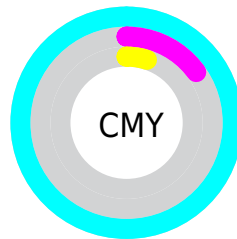
- Red (0%)
- Green (85%)
- Blue (95%)



- Red (0%)
- Yellow (45%)
- Blue (95%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DAF3 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 00DAF3 by changing the saturation by 10% instead.

 00DAF3

FFFFFF

 72FFFF

 95FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 00DAF3

 00BED7

 00A3BB

 0088A0

 006E86

 00556C

 003D54

 00283D

 000327


 000111

 00DAF3

 18DDF3

 31DFF3

 49E1F3

 61E4F3

 79E6F3

 92E9F3

 AAEBF3

 C2EEF3

 DBF0F3

Harmonies

Analogous

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



44DCCC



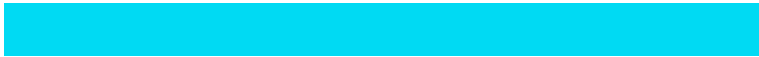
00DAF3



4ED3FF

Triad

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



00DAF3



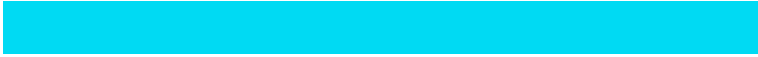
FEACE9



DAC676

Complementary

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



00DAF3



F31900

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.



FCB87E



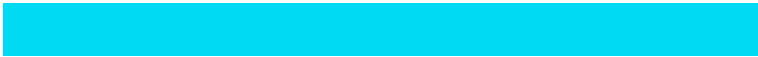
00DAF3



FFA7C1

Square

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



00DAF3



D4B9FF



FFAC9A



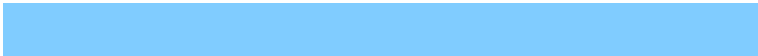
AFD183

Rectangle

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



00DAF3



80CCFF



FFAC9A



E6C276

Sweetspot

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



00DAF3



B3F7FF



00F318



527B80



000000



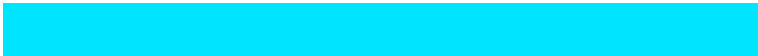
808080

Same Dimension

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



00DAF3



00E5FF



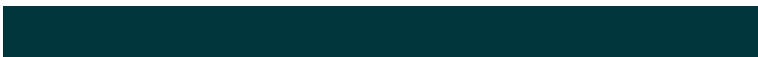
0061F3



6E797A



00A7BA



00353B

Inverse Universe

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



F300DA



FF00E5



F39200



7A6E79



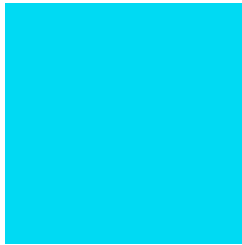
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 00DAF3 looks on a white background.

Color Contrast Check

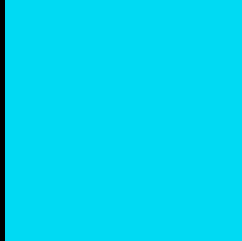
Large Text (above 18pt) WCAG AA × Fail

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 00DAF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

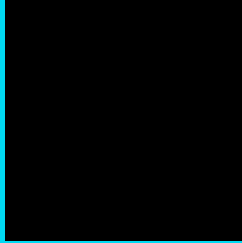
Any Text WCAG AA ✓ Pass

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 00DAF3 Background



This preview shows how black text looks on a background with the Hex color 00DAF3.

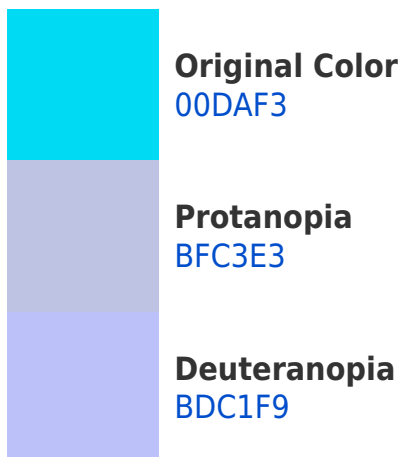


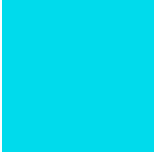
This preview shows how white text looks on a background with the Hex color 00DAF3.

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

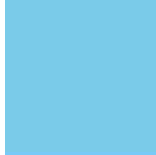




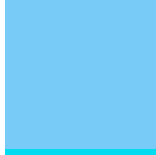
Trichromacy



Original Color
00DAF3



Protanomaly
7ACBE9



Deuteranomaly
78CAF7



Tritanomaly
00DBEF

Monochromacy



Original Color
00DAF3



Achromatopsia
9C9C9C



Achromatomaly
63B3BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DAF3 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 #00DAF3 looks like.

```
.text, #text, p{  
    color:#00DAF3  
}
```

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 #00DAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAF3
}
```

Border

The CSS property to change the border of an element to Hex 00DAF3 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
#00DAF3 }
```

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

```
.border{ border-color:#00DAF3 }
```

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

Here you see how a box with a 4 pixel #00DAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAF3; -webkit-box-shadow:4px 4px  
4px 4px #00DAF3; box-shadow:4px 4px 4px  
4px #00DAF3 }
```

Background

The CSS property to change the background color of an element to Hex 00DAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAF3 }
```

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

```
.background{ background-color:#00DAF3 }
```

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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