

Converting Colors

Hex(00DAF1)

Have a look what the booklet for
Hex(00DAF1) contains.

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Color

Hex(00DAF1)

Conversions

Conversions Part 1

Format	Color
Hex	00DAF1
RGB	0, 218, 241
RGB Percent	0%, 85%, 95%
CMY	1.0000, 0.1451, 0.0549
CMYK	1.00, 0.10, 0.00, 0.05
HSL	186°, 100%, 47%
HSV	186°, 100%, 95%
XYZ	40.9486, 56.4937, 91.9652
YIQ	155.4400, -137.3110, -39.0630

Conversions

Conversions Part 2

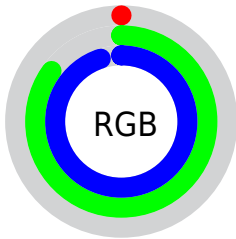
Format	Color
RYB	0, 114, 241
Decimal	56049
CIELab	79.89, -35.70, -23.72
CIELCh	80, 42.864, 213.598
Yxy	56.4937, 0.2162, 0.2983
Android (android.graphics.Color)	4278246129 (0xFF00DAF1)
YUV	155.4400, 42.1811, -136.3209
Hunter-Lab	75.1623, -34.2868, -19.9310

Details

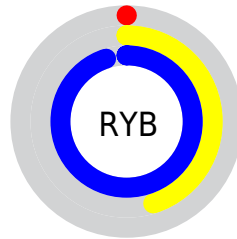
The Hex color **00DAF1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **F11700**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFFF**, and **00A3B9** is the 20% darker color. If you saturate the color by 10%, you get **00DAF1**, and if you desaturate by 10%, it is **18DCF1**.

Distribution



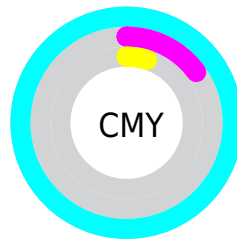
- Red (0%)
- Green (85%)
- Blue (95%)



- 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 00DAF1 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 00DAF1 by changing the saturation by 10% instead.

 00DAF1

 00DAF1

FFFFFF

 00BED5

 72FFFF

 00A3B9

 94FFFF

 00889E

 B5FFFF

 006E84

 D5FFFF

 00556B

 F5FFFF

 003D52

 00283B

 000226

 00010F

 00DAF1


 18DCF1

 30DFF1

 48E1F1

 60E3F1

 78E6F1

 91E8F1

 A9EAF1

 C1ECF1

 D9EFF1

Harmonies

Analogous

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



47DBCA



00DAF1



4AD4FF

Triad

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



00DAF1



FCADEA



DCC575

Complementary

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



00DAF1



F11700

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.



FDB77F



00DAF1



FFA7C3

Square

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



00DAF1



D1BAFF



FFAB9C



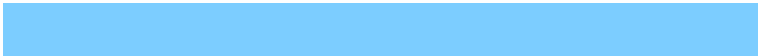
B1D182

Rectangle

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



00DAF1



7CCDFE



FFAB9C



E8C176

Sweetspot

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



00DAF1



B3F8FF



00F114



527B80



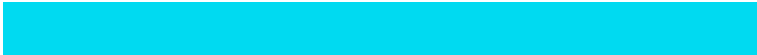
000000



808080

Same Dimension

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



00DAF1



00E7FF



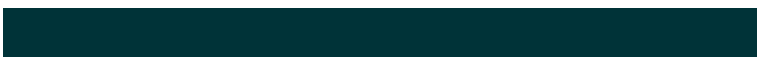
0064F1



6C7778



00A6B8



003338

Inverse Universe

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



F100DA



FF00E7



F18D00



786C77



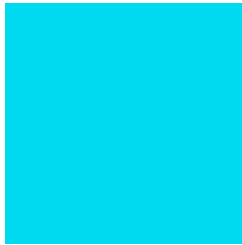
B800A6



380033

Previews

White Background



This preview shows how the Hex color 00DAF1 looks on a white background.

Color Contrast Check

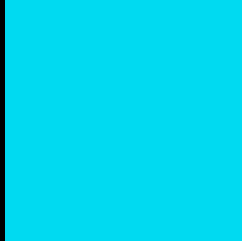
Large Text (above 18pt) WCAG AA × Fail

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 00DAF1 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 00DAF1 Background



This preview shows how black text looks on a background with the Hex color 00DAF1.

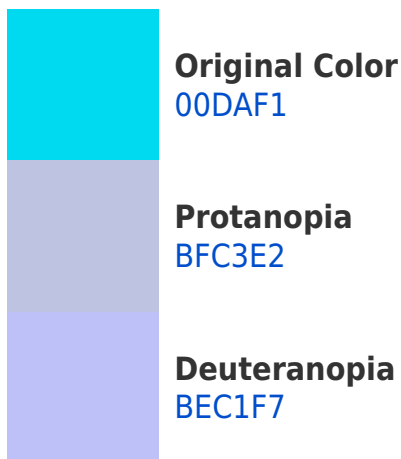


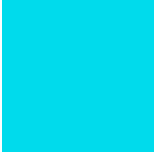
This preview shows how white text looks on a background with the Hex color 00DAF1.

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

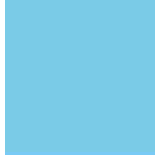




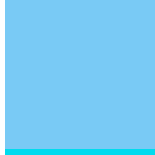
Trichromacy



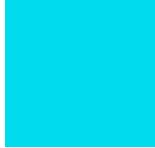
Original Color
00DAF1



Protanomaly
7ACBE7



Deuteranomaly
79CAF5



Tritanomaly
00DBEE

Monochromacy



Original Color
00DAF1



Achromatopsia
9B9B9B



Achromatomaly
63B2BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DAF1 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 #00DAF1 looks like.

```
.text, #text, p{  
    color:#00DAF1  
}
```

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 #00DAF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DAF1
}
```

Border

The CSS property to change the border of an element to Hex 00DAF1 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
#00DAF1 }
```

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

```
.border{ border-color:#00DAF1 }
```

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

Here you see how a box with a 4 pixel #00DAF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DAF1; -webkit-box-shadow:4px 4px  
4px 4px #00DAF1; box-shadow:4px 4px 4px  
4px #00DAF1 }
```

Background

The CSS property to change the background color of an element to Hex 00DAF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DAF1 }
```

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

```
.background{ background-color:#00DAF1 }
```

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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