

Converting Colors

Hex(03DAFF)

Have a look what the booklet for
Hex(03DAFF) contains.

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Color

Hex(03DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	03DAFF
RGB	3, 218, 255
RGB Percent	1%, 85%, 100%
CMY	0.9882, 0.1451, 0.0000
CMYK	0.99, 0.15, 0.00, 0.00
HSL	189°, 100%, 51%
HSV	189°, 99%, 100%
XYZ	43.1590, 57.3822, 103.4089
YIQ	157.9330, -140.0170, -34.0730

Conversions

Conversions Part 2

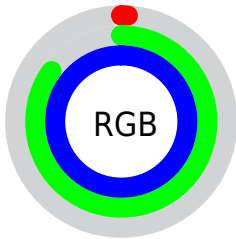
Format	Color
RYB	3, 119, 255
Decimal	252671
CIELab	80.39, -31.18, -30.39
CIELCh	80, 43.545, 224.266
Yxy	57.3822, 0.2116, 0.2814
Android (android.graphics.Color)	4278442751 (0xFF03DAFF)
YUV	157.9330, 47.8540, -135.8762
Hunter-Lab	75.7510, -30.8643, -27.9120

Details

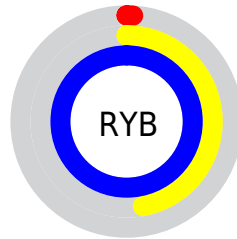
The Hex color **03DAFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF2803**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **75FFFF**, and **00A3C6** is the 20% darker color. If you saturate the color by 10%, you get **00DAFF**, and if you desaturate by 10%, it is **1CDEFF**.

Distribution



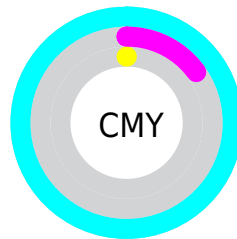
- Red (1%)
- Green (85%)
- Blue (100%)



- Red (1%)
- Yellow (47%)
- Blue (100%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03DAFF 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 03DAFF by changing the saturation by 10% instead.

 03DAFF

 03DAFF

FFFFFF

 00BEE2

 75FFFF

 00A3C6

 97FFFF

 0088AB

 B8FFFF

 006E90

 D9FFFF

 005676

 F9FFFF

 003E5E

 002846

 00062F

 00011A

 03DAFF

 03DAFF

 00DAFF

 1CDEFF

 36E1FF

 50E5FF

 69E9FF

 83EDFF

 9CF0FF

 B5F4FF

 CFF8FF

 E9FCFF

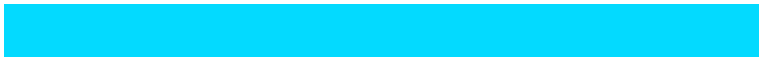
Harmonies

Analogous

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



2BDDDA



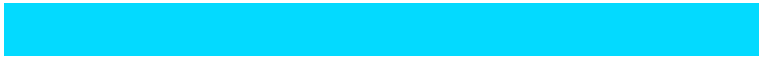
03DAFF



64D2FF

Triad

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



03DAFF



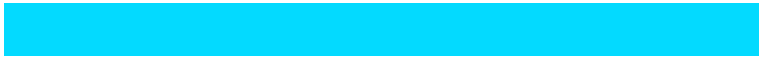
FFAADF



CFCB77

Complementary

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



03DAFF



FF2803

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.



F5BE79



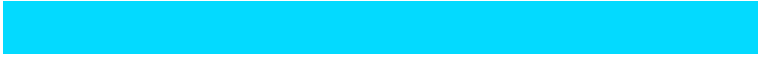
03DAFF



FFA8B5

Square

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



03DAFF



E5B6FF



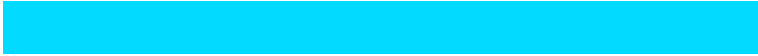
FFB090



A1D68C

Rectangle

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



03DAFF



95CAFF



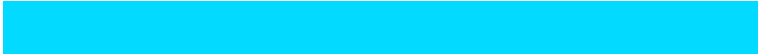
FFB090



DCC775

Sweetspot

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



03DAFF



B3F4FF



03FF25



527980



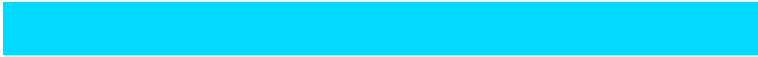
000000



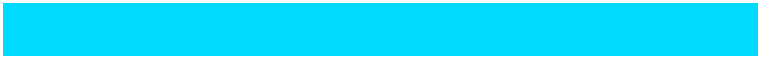
808080

Same Dimension

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



03DAFF



00DAFF



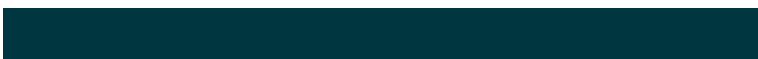
035FFF



737E80



00A3BF



003640

Inverse Universe

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



FF03DA



FF00DA



FFA303



80737E



BF00A3



400036

Previews

White Background



This preview shows how the Hex color 03DAFF looks on a white background.

Color Contrast Check

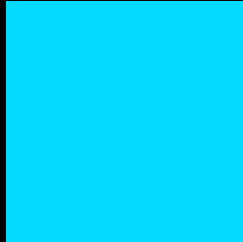
Large Text (above 18pt) WCAG AA × Fail

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 03DAFF 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 03DAFF Background



This preview shows how black text looks on a background with the Hex color 03DAFF.



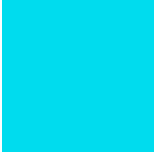
This preview shows how white text looks on a background with the Hex color 03DAFF.

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





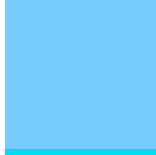
Trichromacy



Original Color
03DAFF



Protanomaly
79CCF5



Deuteranomaly
77CBFF



Tritanomaly
01DBF4

Monochromacy



Original Color
03DAFF



Achromatopsia
9E9E9E



Achromatomaly
66B4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 03DAFF 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 #03DAFF looks like.

```
.text, #text, p{  
    color:#03DAFF  
}
```

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 #03DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03DAFF
}
```

Border

The CSS property to change the border of an element to Hex 03DAFF 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
#03DAFF }
```

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

```
.border{ border-color:#03DAFF }
```

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

Here you see how a box with a 4 pixel #03DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03DAFF; -webkit-box-shadow:4px 4px  
4px 4px #03DAFF; box-shadow:4px 4px 4px  
4px #03DAFF }
```

Background

The CSS property to change the background color of an element to Hex 03DAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03DAFF }
```

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

```
.background{ background-color:#03DAFF }
```

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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