

Converting Colors

Hex(03DAFC)

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

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Color

Hex(03DAFC)

Conversions

Conversions Part 1

Format	Color
Hex	03DAFC
RGB	3, 218, 252
RGB Percent	1%, 85%, 99%
CMY	0.9882, 0.1451, 0.0118
CMYK	0.99, 0.13, 0.00, 0.01
HSL	188°, 98%, 50%
HSV	188°, 99%, 99%
XYZ	42.6796, 57.1904, 100.8849
YIQ	157.5910, -139.0540, -35.0060

Conversions

Conversions Part 2

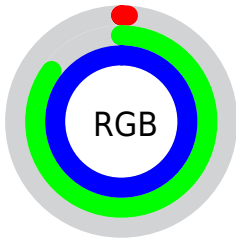
Format	Color
RYB	3, 118, 252
Decimal	252668
CIELab	80.29, -32.15, -28.97
CIELCh	80, 43.272, 222.021
Yxy	57.1904, 0.2126, 0.2849
Android (android.graphics.Color)	4278442748 (0xFF03DAFC)
YUV	157.5910, 46.5436, -135.5763
Hunter-Lab	75.6244, -31.6037, -26.1573

Details

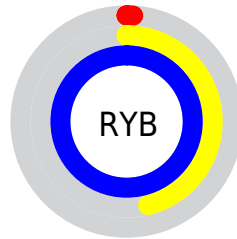
The Hex color **03DAFC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FC2503**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFFF**, and **00A3C3** is the 20% darker color. If you saturate the color by 10%, you get **00DAFC**, and if you desaturate by 10%, it is **1CDDFC**.

Distribution



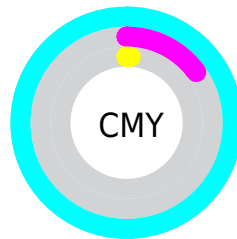
- Red (1%)
- Green (85%)
- Blue (99%)



- Red (1%)
- Yellow (46%)
- Blue (99%)



- Cyan (99%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (99%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 03DAFC

FFFFFF

 74FFFF

 97FFFF

 B8FFFF

 D8FFFF

 F8FFFF

 03DAFC

 00BEDF

 00A3C3

 0088A8

 006E8E

 005574

 003E5B

 002843

 00052D

 000118

 03DAFC

 03DAFC

 00DAFC

 1CDDFC

 35E1FC

 4FE4FC

 68E8FC

 81EBFC

 9AEFFC

 B3F2FC

 CDF6FC

 E6F9FC

Harmonies

Analogous

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



33DDD7



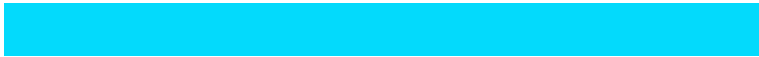
03DAFC



5FD2FF

Triad

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



03DAFC



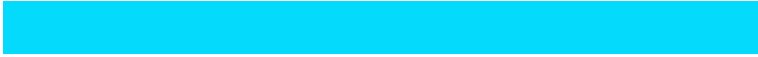
FFABE1



D2CA77

Complementary

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



03DAFC



FC2503

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.



F7BC7B



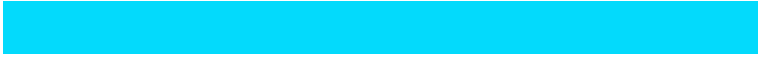
03DAFC



FFA8B8

Square

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



03DAFC



E1B7FF



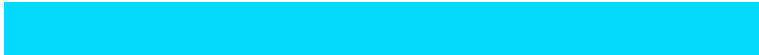
FFAF93



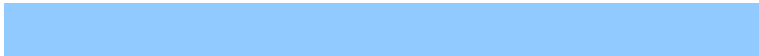
A5D58A

Rectangle

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



03DAFC



90CAFF



FFAF93



DFC675

Sweetspot

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



03DAFC



B3F5FF



03FC24



527980



000000



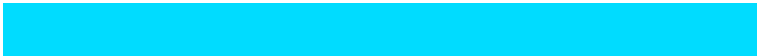
808080

Same Dimension

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



03DAFC



00DCFF



035EFC



707B7D



00A3BD



00353D

Inverse Universe

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



FC03DA



FF00DC



FCA103



7D707B



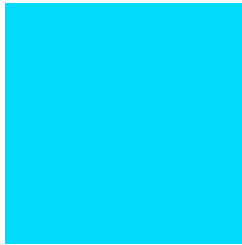
BD00A3



3D0035

Previews

White Background



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

Color Contrast Check

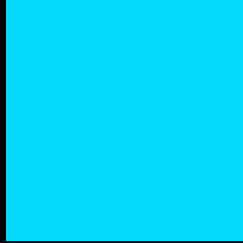
Large Text (above 18pt) WCAG AA × Fail

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 03DAFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

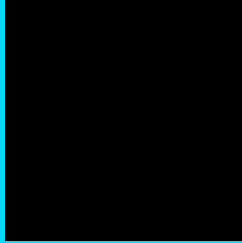
Any Text WCAG AA ✓ Pass

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 03DAFC Background



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



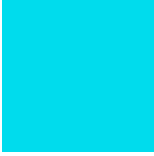
This preview shows how white text looks on a background with the Hex color 03DAFC.

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
00DCED

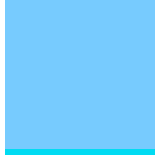
Trichromacy



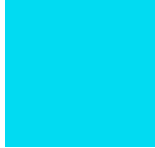
Original Color
03DAFC



Protanomaly
79CCF2



Deuteranomaly
77CBFE

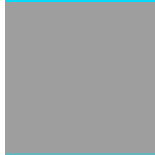


Tritanomaly
01DBF2

Monochromacy



Original Color
03DAFC



Achromatopsia
9E9E9E



Achromatomaly
66B4C0

CSS Examples

Text

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

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

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 #03DAFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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