

# Converting Colors

Hex(01DBFE)

Have a look what the booklet for  
Hex(01DBFE) contains.

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# **Color**

**Hex(01DBFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DBFE
RGB	1, 219, 254
RGB Percent	0%, 86%, 100%
CMY	0.9961, 0.1412, 0.0039
CMYK	1.00, 0.14, 0.00, 0.00
HSL	188°, 99%, 50%
HSV	188°, 100%, 100%
XYZ	43.2334, 57.8252, 102.6487
YIQ	157.8080, -141.1630, -35.3310

# Conversions

## Conversions Part 2

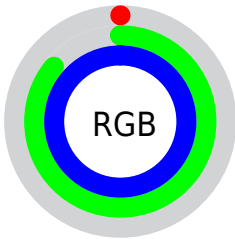
Format	Color
<a href="#">RYB</a>	1, 118, 254
Decimal	121854
CIELab	80.64, -32.03, -29.48
CIElCh	81, 43.533, 222.632
Yxy	57.8252, 0.2122, 0.2839
Android (android.graphics.Color)	4278311934 (0xFF01DBFE)
YUV	157.8080, 47.4227, -137.5206
Hunter-Lab	76.0429, -31.5907, -26.8042

# Details

The Hex color **01DBFE** 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 **FE2401**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFFF**, and **00A4C5** is the 20% darker color. If you saturate the color by 10%, you get **00DBFE**, and if you desaturate by 10%, it is **1ADFFE**.

# Distribution



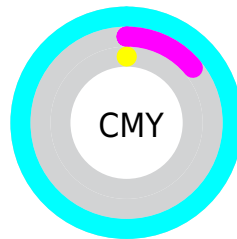
- Red (0%)
- Green (86%)
- Blue (100%)



- Red (0%)
- Yellow (46%)
- Blue (100%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01DBFE 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 01DBFE by changing the saturation by 10% instead.



 01DBFE

 01DBFE

FFFFFF

 00BFE1


 74FFFF

 00A4C5

 97FFFF

 0089AA

 B8FFFF

 006F8F

 D9FFFF

 005676

 F9FFFF

 003E5D

 002945

 00082F

 000119

01DBFE

01DBFE

00DBFE

1ADFFE

34E2FE

4DE6FE

67E9FE

80EDFE

99F0FE

B3F4FE

CCF7FE

E6FBFE

# Harmonies

## Analogous

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



30DED9



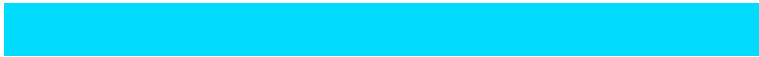
01DBFE



61D3FF

# Triad

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



01DBFE



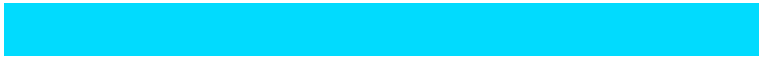
FFABE1



D2CB77

# Complementary

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



01DBFE



FE2401

# 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.



F7BD7B



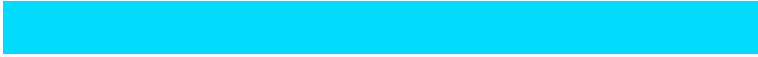
01DBFE



FFA8B8

# Square

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



01DBFE



E3B7FF



FFB093



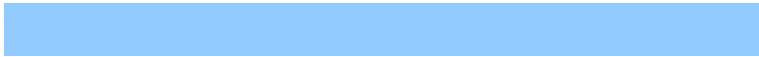
A5D68B

# Rectangle

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



01DBFE



92CBFF



FFB093

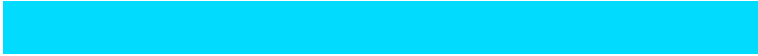


DFC776

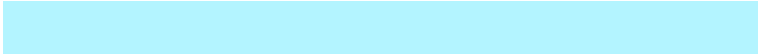


# Sweetspot

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



01DBFE



B3F4FF



01FE23



527980



000000

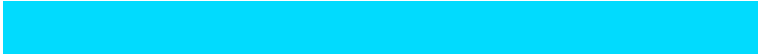


808080

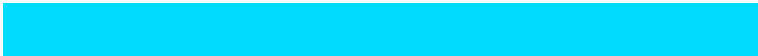


# Same Dimension

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



01DBFE



00DCFF



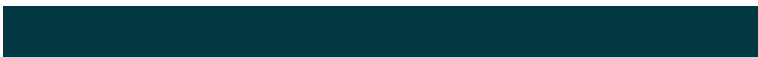
015EFE



737E80



00A5BF



003740



# Inverse Universe

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



FE01DB



FF00DC



FEA101



80737E



BF00A5

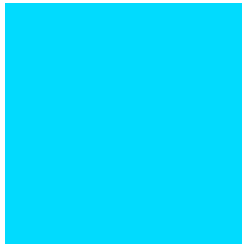


400037



# Previews

## White Background



This preview shows how the Hex color 01DBFE looks on a white background.

## Color Contrast Check

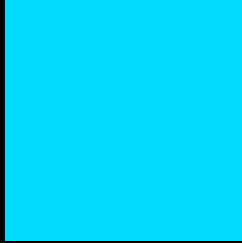
Large Text (above 18pt) WCAG AA × Fail

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 01DBFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

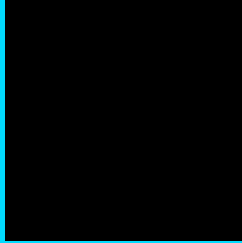
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01DBFE Background



This preview shows how black text looks on a background with the Hex color 01DBFE.

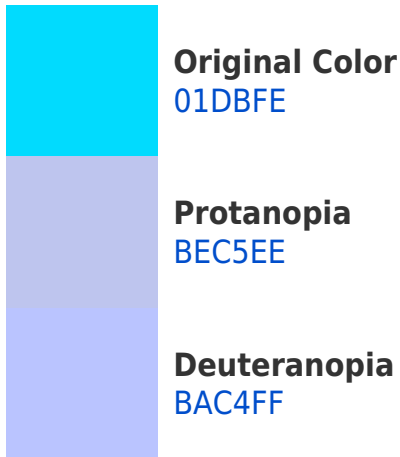


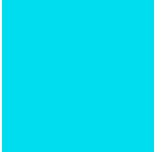
This preview shows how white text looks on a background with the Hex color 01DBFE.

# 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**  
00DDEE

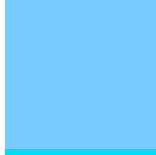
# Trichromacy



**Original Color**  
01DBFE



**Protanomaly**  
79CDF4



**Deuteranomaly**  
77CCFF



**Tritanomaly**  
00DCF4

# Monochromacy



**Original Color**  
01DBFE



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
65B4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01DBFE 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 #01DBFE looks like.

```
.text, #text, p{  
    color:#01DBFE  
}
```

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 #01DBFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01DBFE
}
```

## Border

The CSS property to change the border of an element to Hex 01DBFE 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
#01DBFE }
```

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

```
.border{ border-color:#01DBFE }
```

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

Here you see how a box with a 4 pixel #01DBFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01DBFE; -webkit-box-shadow:4px 4px  
4px 4px #01DBFE; box-shadow:4px 4px 4px  
4px #01DBFE }
```

# Background

The CSS property to change the background color of an element to Hex 01DBFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01DBFE }
```

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

```
.background{ background-color:#01DBFE }
```

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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