

# Converting Colors

Hex(00D2FF)

Have a look what the booklet for  
Hex(00D2FF) contains.

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# **Color**

**Hex(00D2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D2FF
RGB	0, 210, 255
RGB Percent	0%, 82%, 100%
CMY	1.0000, 0.1765, 0.0000
CMYK	1.00, 0.18, 0.00, 0.00
HSL	191°, 100%, 50%
HSV	191°, 100%, 100%
XYZ	41.0966, 53.3132, 102.7322
YIQ	152.3400, -139.6050, -30.5250

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 255
Decimal	54015
CIELab	78.06, -27.34, -33.99
CIELCh	78, 43.621, 231.186
Yxy	53.3132, 0.2085, 0.2704
Android (android.graphics.Color)	4278244095 (0xFF00D2FF)
YUV	152.3400, 50.6114, -133.6022
Hunter-Lab	73.0159, -27.3100, -32.3090

# Details

The Hex color **00D2FF** 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 **FF2D00**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **73FFFF**, and **009BC6** is the 20% darker color. If you saturate the color by 10%, you get **00D2FF**, and if you desaturate by 10%, it is **19D6FF**.

# Distribution



- Red (0%)
- Green (82%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D2FF 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 00D2FF by changing the saturation by 10% instead.



 00D2FF

 00D2FF

FFFFFF

 00B6E2

 73FFFF

 009BC6

 96FFFF

 0081AB

 B7FFFF

 006890

 D7FFFF

 004F76

 F7FFFF

 00385D

 002445

 00042F

 000119

 00D2FF

 19D6FF

 33DBFF

 4DDFFF

 66E4FF

 80E8FF

 99EDFF

 B3F2FF

 CCF6FF

 E6FBFF

# Harmonies

## Analogous

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



00D6DD



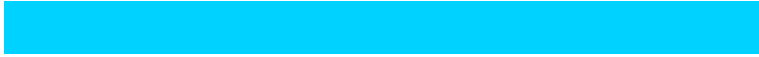
00D2FF



6EC9FF

# Triad

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



00D2FF



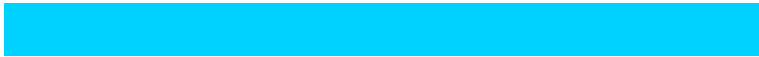
FFA2CF



BEC774

# Complementary

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



00D2FF



FF2D00

# 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.



E6BA71



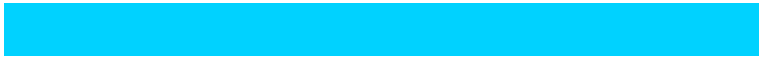
00D2FF



FFA2A6

# Square

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



00D2FF



E8ACF4



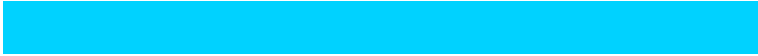
FFAC83



90D18D

# Rectangle

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



00D2FF



9EC0FF



FFAC83

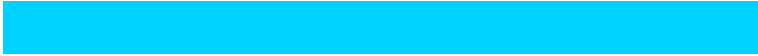


CCC370



# Sweetspot

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



00D2FF



B3F2FF



00FF2A



527780



000000

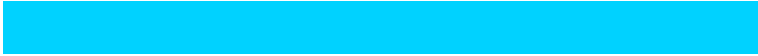


808080



# Same Dimension

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



00D2FF



0055FF



737D80



009DBF



003440

# Inverse Universe

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



FF00D2



FFAA00



80737D



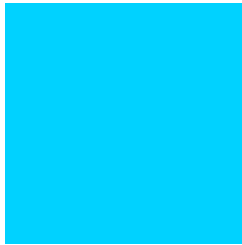
BF009D



400034

# Previews

## White Background



This preview shows how the Hex color 00D2FF looks on a white background.

## Color Contrast Check

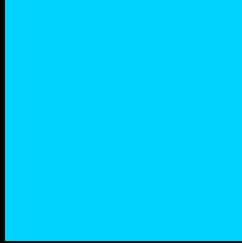
Large Text (above 18pt) WCAG AA × Fail

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 00D2FF 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 00D2FF Background



This preview shows how black text looks on a background with the Hex color 00D2FF.

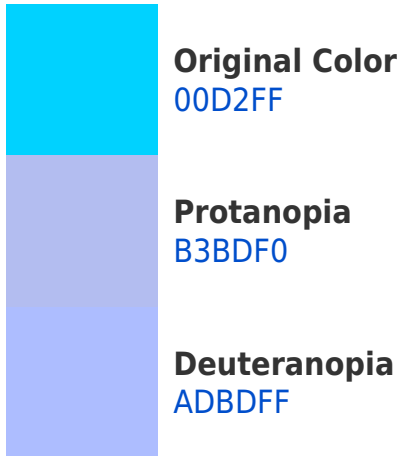


This preview shows how white text looks on a background with the Hex color 00D2FF.

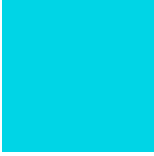
# Color Blindness Simulation

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**  
00D5E6

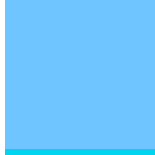
# Trichromacy



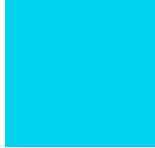
**Original Color**  
00D2FF



**Protanomaly**  
72C5F5



**Deuteranomaly**  
6EC5FF



**Tritanomaly**  
00D4EF

# Monochromacy



**Original Color**  
00D2FF



**Achromatopsia**  
989898



**Achromatomaly**  
61ADBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D2FF 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 #00D2FF looks like.

```
.text, #text, p{  
  color:#00D2FF  
}
```

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 #00D2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D2FF
}
```

## Border

The CSS property to change the border of an element to Hex 00D2FF 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
#00D2FF }
```

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

```
.border{ border-color:#00D2FF }
```

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

Here you see how a box with a 4 pixel #00D2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D2FF; -webkit-box-shadow:4px 4px  
4px 4px #00D2FF; box-shadow:4px 4px 4px  
4px #00D2FF }
```

# Background

The CSS property to change the background color of an element to Hex 00D2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D2FF }
```

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

```
.background{ background-color:#00D2FF }
```

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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