

Converting Colors

Hex(02BFFD)

Have a look what the booklet for
Hex(02BFFD) contains.

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Color

Hex(02BFFD)

Conversions

Conversions Part 1

Format	Color
Hex	02BFFD
RGB	2, 191, 253
RGB Percent	1%, 75%, 99%
CMY	0.9922, 0.2510, 0.0078
CMYK	0.99, 0.25, 0.00, 0.01
HSL	195°, 98%, 50%
HSV	195°, 99%, 99%
XYZ	36.3855, 44.3664, 99.5744
YIQ	141.5570, -132.5460, -20.7860

Conversions

Conversions Part 2

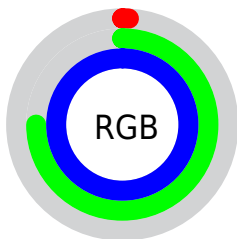
Format	Color
R_{YB}	2, 110, 253
Decimal	180221
CIE _{Lab}	72.47, -18.30, -41.59
CIE _{LCh}	72, 45.438, 246.253
Yxy	44.3664, 0.2018, 0.2460
Android (android.graphics.Color)	4278370301 (0xFF02BFFD)
YUV	141.5570, 54.9414, -122.3915
Hunter-Lab	66.6081, -19.0564, -42.0087

Details

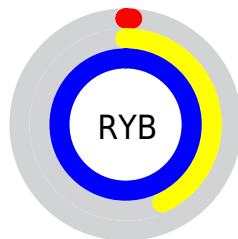
The Hex color **02BFFD** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FD4002**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **71F7FF**, and **008AC4** is the 20% darker color. If you saturate the color by 10%, you get **00BFFD**, and if you desaturate by 10%, it is **1BC5FD**.

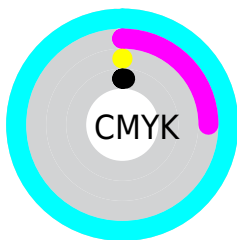
Distribution



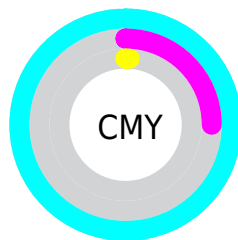
- Red (1%)
- Green (75%)
- Blue (99%)



- Red (1%)
- Yellow (43%)
- Blue (99%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)



- Cyan (99%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02BFFD 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 02BFFD by changing the saturation by 10% instead.

 02BFFD

 02BFFD

FFFFFF

 00A4E0

 71F7FF

 008AC4

 94FFFF

 0070A9

 B4FFFF

 00588E

 D5FFFF

 004074

 F4FFFF

 002A5B

 001543

 00032C

 000117

 02BFFD

 02BFFD

 00BFFD

 1BC5FD

 35CBFD

 4ED2FD

 67D8FD

 81DEFD

 9AE4FD

 B3EBFD

 CCF1FD

 E6F7FD

Harmonies

Analogous

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



00C6E2



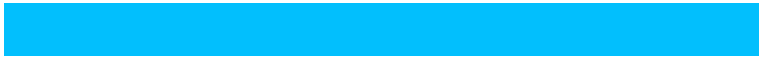
02BFFD



7FB3FF

Triad

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



02BFFD



FF90AB



97BE6D

Complementary

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



02BFFD



FD4002

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.



C3B25D



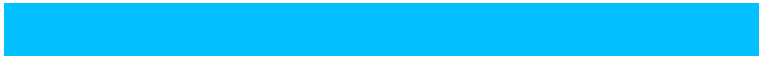
02BFFD



FD9683

Square

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



02BFFD



ED96D4



E7A466



61C58F

Rectangle

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



02BFFD



AEA9FC



E7A466



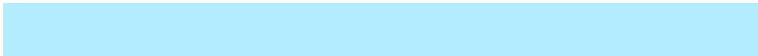
A7BA65

Sweetspot

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



02BFFD



B3ECFF



02FD3D



527480



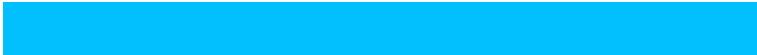
000000



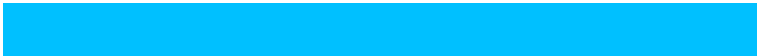
808080

Same Dimension

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



02BFFD



00C0FF



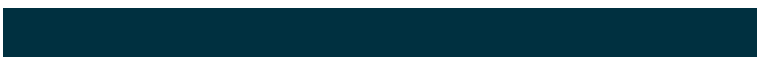
0245FD



737C80



0090BF



003040

Inverse Universe

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



FD02BF



FF00C0



FDBA02



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color 02BFFD looks on a white background.

Color Contrast Check

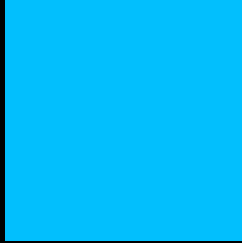
Large Text (above 18pt) WCAG AA × Fail

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 02BFFD 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 02BFFD Background



This preview shows how black text looks on a background with the Hex color 02BFFD.

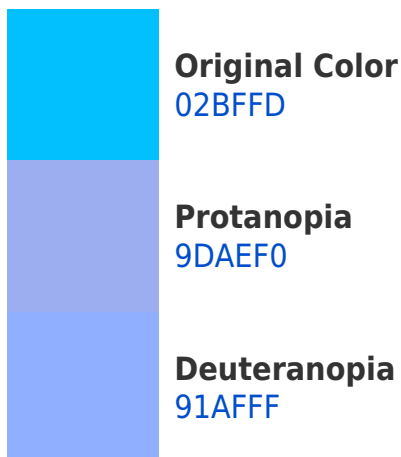


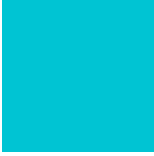
This preview shows how white text looks on a background with the Hex color 02BFFD.

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
00C4D3

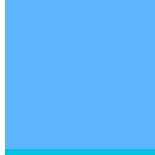
Trichromacy



Original Color
02BFFD



Protanomaly
65B4F5



Deuteranomaly
5DB5FE



Tritanomaly
01C2E2

Monochromacy



Original Color
02BFFD



Achromatopsia
8E8E8E



Achromatomaly
5BA0B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 02BFFD 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 #02BFFD looks like.

```
.text, #text, p{  
    color:#02BFFD  
}
```

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 #02BFFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02BFFD
}
```

Border

The CSS property to change the border of an element to Hex 02BFFD 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
#02BFFD }
```

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

```
.border{ border-color:#02BFFD }
```

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

Here you see how a box with a 4 pixel #02BFFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02BFFD; -webkit-box-shadow:4px 4px  
4px 4px #02BFFD; box-shadow:4px 4px 4px  
4px #02BFFD }
```

Background

The CSS property to change the background color of an element to Hex 02BFFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02BFFD }
```

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

```
.background{ background-color:#02BFFD }
```

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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