

Converting Colors

Hex(00ACFD)

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

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Color

Hex(00ACFD)

Conversions

Conversions Part 1

Format	Color
Hex	00ACFD
RGB	0, 172, 253
RGB Percent	0%, 67%, 99%
CMY	1.0000, 0.3255, 0.0078
CMYK	1.00, 0.32, 0.00, 0.01
HSL	199°, 100%, 50%
HSV	199°, 100%, 99%
XYZ	32.4821, 36.5969, 98.2804
YIQ	129.8060, -128.5130, -11.2730

Conversions

Conversions Part 2

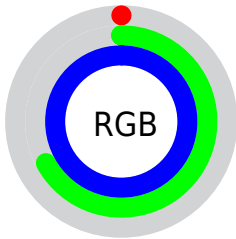
Format	Color
R _{YB}	0, 102, 253
Decimal	44285
CIE Lab	66.97, -8.07, -50.23
CIE LCh	67, 50.872, 260.872
Yxy	36.5969, 0.1941, 0.2187
Android (android.graphics.Color)	4278234365 (0xFF00ACFD)
YUV	129.8060, 60.7346, -113.8399
Hunter-Lab	60.4954, -10.0238, -53.9754

Details

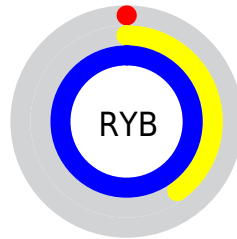
The Hex color **00ACFD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FD5100**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **70E3FF**, and **0078C4** is the 20% darker color. If you saturate the color by 10%, you get **00ACFD**, and if you desaturate by 10%, it is **19B4FD**.

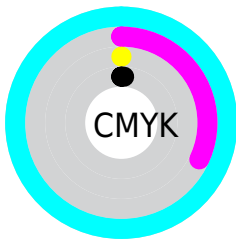
Distribution



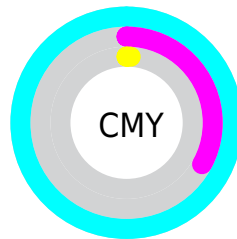
- Red (0%)
- Green (67%)
- Blue (99%)



- Red (0%)
- Yellow (40%)
- Blue (99%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 00ACFD

 00ACFD

FFFFFF

 0092E0

 70E3FF

 0078C4

 92FFFF

 0060A8

 B3FFFF

 00488D

 D3FFFF

 003273

 F3FFFF

 001F5A

 000742

 00032B

 000116

 00ACFD

 19B4FD

 33BCFD

 4CC4FD

 65CCFD

 7FD4FD

 98DDFD

 B1E5FD

 CAEDFD

 E4F5FD

Harmonies

Analogous

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



00B6E9



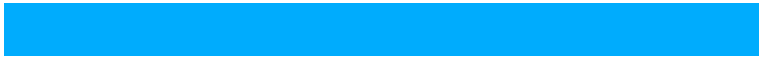
00ACFD



8F9CF9

Triad

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



00ACFD



F97E85



68B467

Complementary

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



00ACFD



FD5100

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.



9EAA49



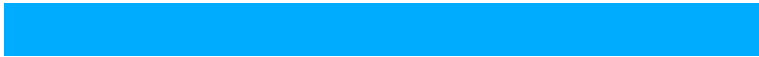
00ACFD



EA8B5D

Square

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



00ACFD



F07DB3



CA9C46



00B993

Rectangle

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



00ACFD



BC90E9



CA9C46



7CB15B

Sweetspot

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



00ACFD



B3E7FF



00FD50



527180



000000



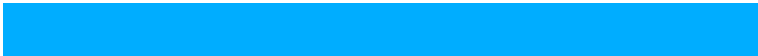
808080

Same Dimension

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



00ACFD



00ADFF



002EFD



737B80



0082BF



002B40

Inverse Universe

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



FD00AC



FF00AD



FDCF00



80737B



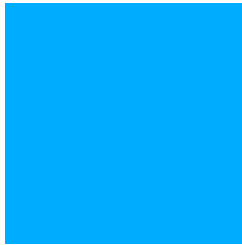
BF0082



40002B

Previews

White Background



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

Color Contrast Check

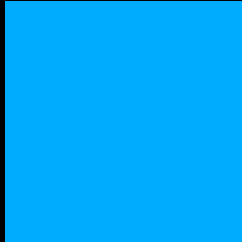
Large Text (above 18pt) WCAG AA × Fail

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 00ACFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

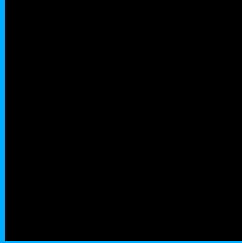
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

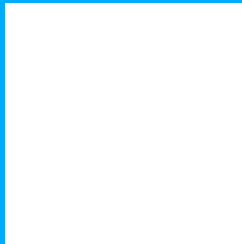
Any Text WCAG AAA ✓ Pass

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

Hex 00ACFD Background



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

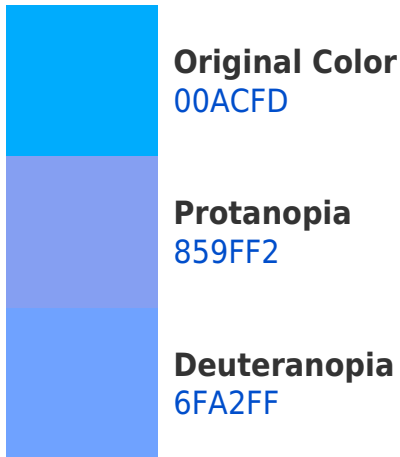


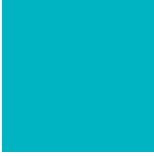
This preview shows how white text looks on a background with the Hex color 00ACFD.

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
00B4C1

Trichromacy



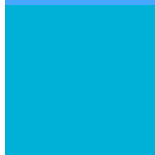
Original Color
00ACFD



Protanomaly
55A4F6



Deuteranomaly
47A6FE



Tritanomaly
00B1D7

Monochromacy



Original Color
00ACFD



Achromatopsia
828282



Achromatomaly
5391AF

CSS Examples

Text

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

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

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 #00ACFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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