

Converting Colors

Hex(00ACFE)

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

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Color

Hex(00ACFE)

Conversions

Conversions Part 1

Format	Color
Hex	00ACFE
RGB	0, 172, 254
RGB Percent	0%, 67%, 100%
CMY	1.0000, 0.3255, 0.0039
CMYK	1.00, 0.32, 0.00, 0.00
HSL	199°, 100%, 50%
HSV	199°, 100%, 100%
XYZ	32.6419, 36.6608, 99.1218
YIQ	129.9200, -128.8340, -10.9620

Conversions

Conversions Part 2

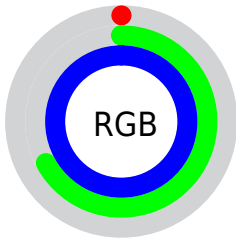
Format	Color
RYB	0, 103, 254
Decimal	44286
CIELab	67.02, -7.71, -50.69
CIELCh	67, 51.277, 261.356
Yxy	36.6608, 0.1938, 0.2177
Android (android.graphics.Color)	4278234366 (0xFF00ACFE)
YUV	129.9200, 61.1714, -113.9398
Hunter-Lab	60.5482, -9.7288, -54.6783

Details

The Hex color **00ACFE** 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 **FE5200**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **70E3FF**, and **0078C5** is the 20% darker color. If you saturate the color by 10%, you get **00ACFE**, and if you desaturate by 10%, it is **19B4FE**.

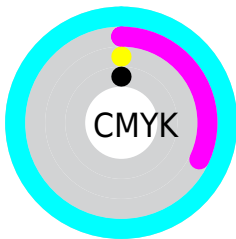
Distribution



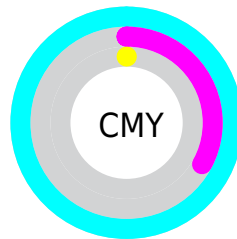
- Red (0%)
- Green (67%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 00ACFE

 00ACFE

FFFFFF

 0092E1

 70E3FF

 0078C5

 92FFFF

 0060A9

 B3FFFF

 00488E

 D3FFFF

 003274

 F3FFFF

 001F5B

 000743

 00032C

 000116

 00ACFE

 19B4FE

 33BCFE

 4CC5FE

 66CDFE

 7FD5FE

 98DDFE

 B2E5FE

 CBEEFE

 E5F6FE

Harmonies

Analogous

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



00B6EA



00ACFE



909CF9

Triad

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



00ACFE



F97E84



67B467

Complementary

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



00ACFE



FE5200

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.



9DAB49



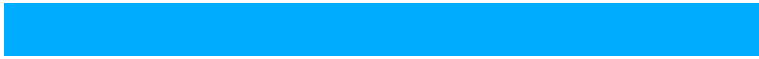
00ACFE



EA8B5C

Square

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



00ACFE



F27DB2



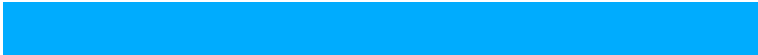
C99C45



00BA94

Rectangle

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



00ACFE



BD90E9



C99C45



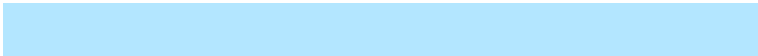
7BB25B

Sweetspot

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



00ACFE



B3E6FF



00FE50



527180



000000



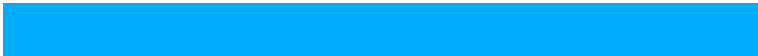
808080

Same Dimension

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



00ACFE



00ADFF



002FFE



737B80



0082BF



002B40

Inverse Universe

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



FE00AC



FF00AD



FECF00



80737B



BF0082



40002B

Previews

White Background



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

Color Contrast Check

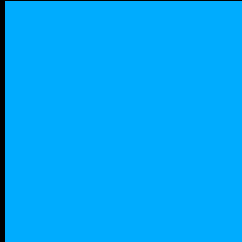
Large Text (above 18pt) WCAG AA × Fail

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 00ACFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

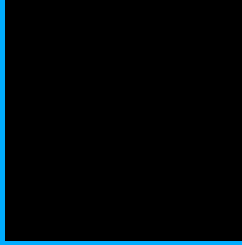
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

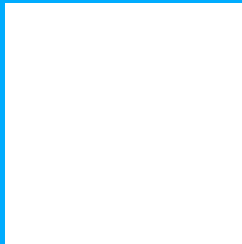
Any Text WCAG AAA ✓ Pass

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

Hex 00ACFE Background



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



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

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



Trichromacy



Original Color
00ACFE

Protanomaly
55A4F7

Deuteranomaly
47A6FF

Monochromacy



Original Color
00ACFE

Achromatopsia
828282

Achromatomaly
5391AF

CSS Examples

Text

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

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

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 #00ACFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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