

Converting Colors

Hex(00A5FD)

Have a look what the booklet for
Hex(00A5FD) contains.

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Color

Hex(00A5FD)

Conversions

Conversions Part 1

Format	Color
Hex	00A5FD
RGB	0, 165, 253
RGB Percent	0%, 65%, 99%
CMY	1.0000, 0.3529, 0.0078
CMYK	1.00, 0.35, 0.00, 0.01
HSL	201°, 100%, 50%
HSV	201°, 100%, 99%
XYZ	31.1848, 34.0021, 97.8480
YIQ	125.6970, -126.5880, -7.6120

Conversions

Conversions Part 2

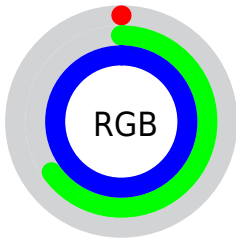
Format	Color
RYB	0, 100, 253
Decimal	42493
CIELab	64.96, -4.13, -53.41
CIELCh	65, 53.567, 265.581
Yxy	34.0021, 0.1913, 0.2086
Android (android.graphics.Color)	4278232573 (0xFF00A5FD)
YUV	125.6970, 62.7604, -110.2363
Hunter-Lab	58.3113, -6.5835, -58.6723

Details

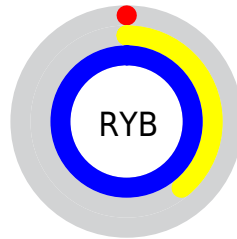
The Hex color **00A5FD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FD5800**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **70DCFF**, and **0072C4** is the 20% darker color. If you saturate the color by 10%, you get **00A5FD**, and if you desaturate by 10%, it is **19AEFD**.

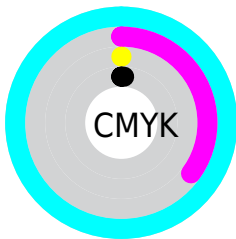
Distribution



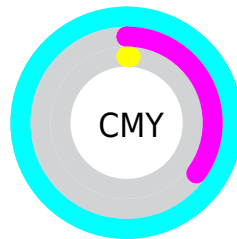
- Red (0%)
- Green (65%)
- Blue (99%)



- Red (0%)
- Yellow (39%)
- Blue (99%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5FD 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 00A5FD by changing the saturation by 10% instead.

 00A5FD

 00A5FD

FFFFFF

 008BE0

 70DCFF

 0072C4

 92F8FF

 005AA8

 B2FFFF

 00438D

 D2FFFF

 002D73

 F2FFFF

 001A5A

 000742

 00032B

 000115

 00A5FD

 19AEFD

 33B7FD

 4CBFFD

 65C8FD

 7FD1FD

 98DAFD

 B1E3FD

 CAEBFD

 E4F4FD

Harmonies

Analogous

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



00B0EC



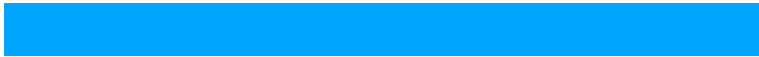
00A5FD



9494F4

Triad

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



00A5FD



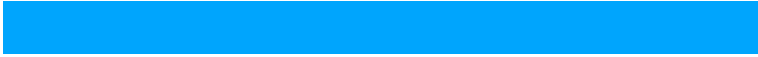
F57777



53B065

Complementary

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



00A5FD



FD5800

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.



90A742



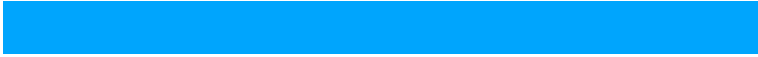
00A5FD



E2874F

Square

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



00A5FD



F174A7



BF9939



00B595

Rectangle

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



00A5FD



C187E1



BF9939



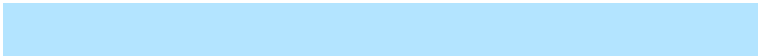
6AAE58

Sweetspot

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



00A5FD



B3E4FF



00FD54



527080



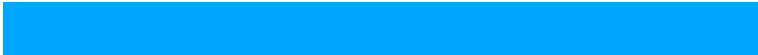
000000



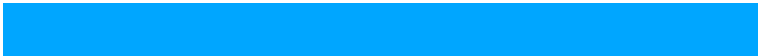
808080

Same Dimension

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



00A5FD



00A6FF



002AFD



737B80



007DBF



002A40

Inverse Universe

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



FD00A5



FF00A6



FDD300



80737B



BF007D



40002A

Previews

White Background



This preview shows how the Hex color 00A5FD looks on a white background.

Color Contrast Check

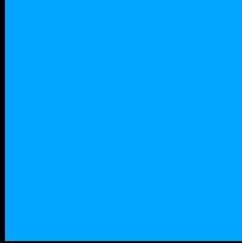
Large Text (above 18pt) WCAG AA × Fail

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 00A5FD 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

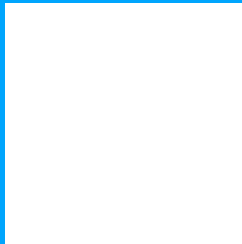
Any Text WCAG AAA ✓ Pass

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

Hex 00A5FD Background



This preview shows how black text looks on a background with the Hex color 00A5FD.

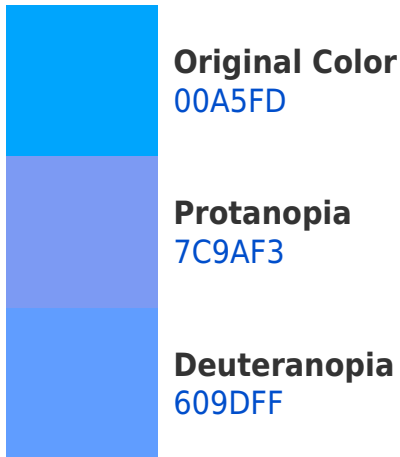


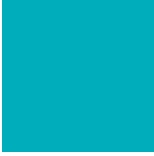
This preview shows how white text looks on a background with the Hex color 00A5FD.

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](#).

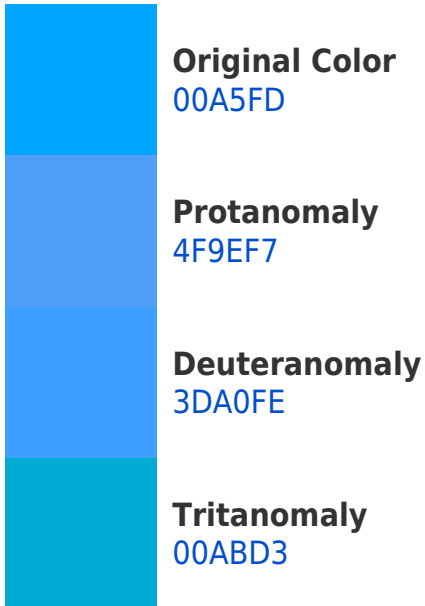
Dichromacy



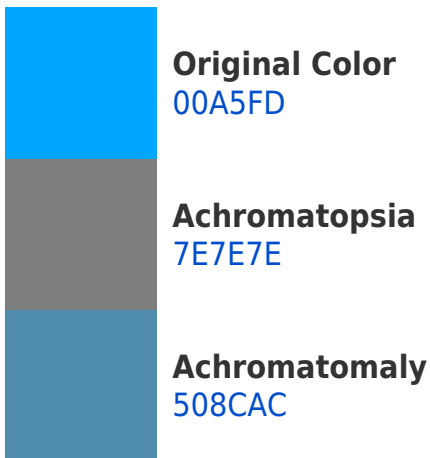


Tritanopia
00AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5FD 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 #00A5FD looks like.

```
.text, #text, p{  
    color:#00A5FD  
}
```

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 #00A5FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5FD
}
```

Border

The CSS property to change the border of an element to Hex 00A5FD 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
#00A5FD }
```

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

```
.border{ border-color:#00A5FD }
```

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

Here you see how a box with a 4 pixel #00A5FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5FD; -webkit-box-shadow:4px 4px  
4px 4px #00A5FD; box-shadow:4px 4px 4px  
4px #00A5FD }
```

Background

The CSS property to change the background color of an element to Hex 00A5FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5FD }
```

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

```
.background{ background-color:#00A5FD }
```

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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