

Converting Colors

Hex(00A6FF)

Have a look what the booklet for
Hex(00A6FF) contains.

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Color

Hex(00A6FF)

Conversions

Conversions Part 1

Format	Color
Hex	00A6FF
RGB	0, 166, 255
RGB Percent	0%, 65%, 100%
CMY	1.0000, 0.3490, 0.0000
CMYK	1.00, 0.35, 0.00, 0.00
HSL	201°, 100%, 50%
HSV	201°, 100%, 100%
XYZ	31.6862, 34.4924, 99.5954
YIQ	126.5120, -127.5050, -7.5130

Conversions

Conversions Part 2

Format	Color
RYB	0, 101, 255
Decimal	42751
CIELab	65.35, -3.96, -53.88
CIELCh	65, 54.027, 265.798
Yxy	34.4924, 0.1911, 0.2081
Android (android.graphics.Color)	4278232831 (0xFF00A6FF)
YUV	126.5120, 63.3446, -110.9510
Hunter-Lab	58.7303, -6.4734, -59.4334

Details

The Hex color **00A6FF** 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 **FF5900**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70DDFF**, and **0073C6** is the 20% darker color. If you saturate the color by 10%, you get **00A6FF**, and if you desaturate by 10%, it is **19AFFF**.

Distribution



- Red (0%)
- Green (65%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6FF 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 00A6FF by changing the saturation by 10% instead.

 00A6FF

 00A6FF

FFFFFF

 008CE2

 70DDFF

 0073C6

 92F9FF

 005AAA

 B3FFFF

 00448F

 D3FFFF

 002E75

 F3FFFF

 001B5C

 000744

 00032C

 000117

 00A6FF

 19AFFF

 33B8FF

 4DC1FF

 66CAFF

 80D3FF

 99DBFF

 B3E4FF

 CCEDFF

 E6F6FF

Harmonies

Analogous

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



00B1EE



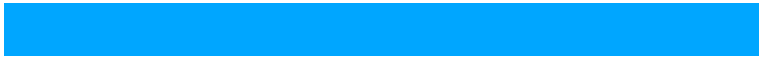
00A6FF



9695F6

Triad

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



00A6FF



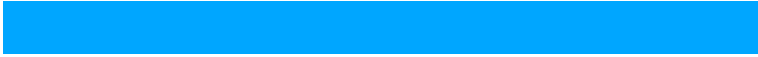
F77877



53B266

Complementary

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



00A6FF



FF5900

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.



90A842



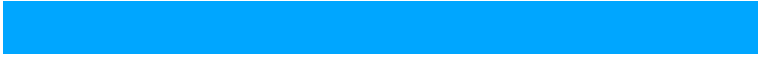
00A6FF



E4884F

Square

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



00A6FF



F374A8



C09A39



00B696

Rectangle

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



00A6FF



C287E3



C09A39



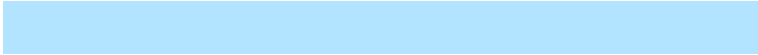
6AAF58

Sweetspot

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



00A6FF



B3E4FF



00FF55



526F80



000000



808080

Same Dimension

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



00A6FF



002BFF



737B80



007CBF



002940

Inverse Universe

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



FF00A6



FFD500



80737B



BF007C



400029

Previews

White Background



This preview shows how the Hex color 00A6FF looks on a white background.

Color Contrast Check

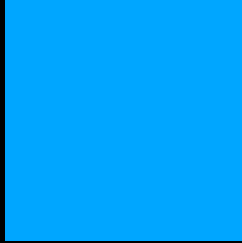
Large Text (above 18pt) WCAG AA × Fail

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 00A6FF 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

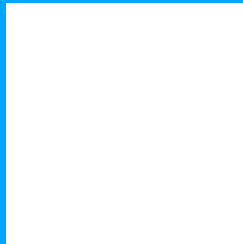
Any Text WCAG AAA ✓ Pass

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

Hex 00A6FF Background



This preview shows how black text looks on a background with the Hex color 00A6FF.

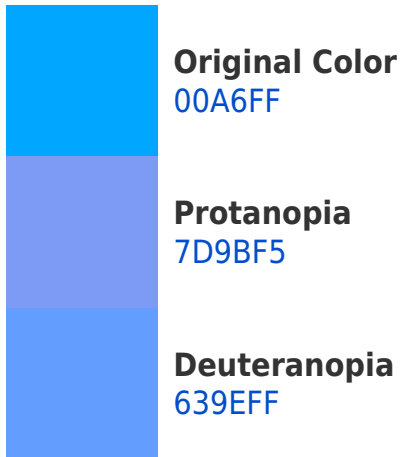


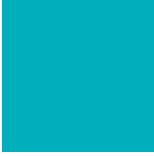
This preview shows how white text looks on a background with the Hex color 00A6FF.

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](#).

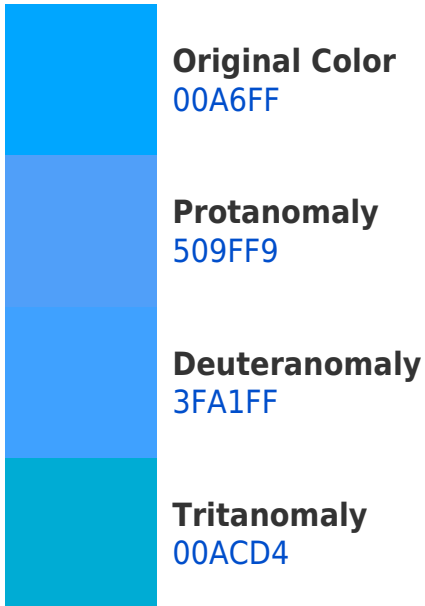
Dichromacy



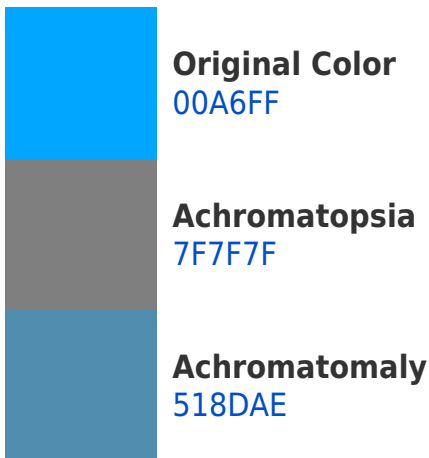


Tritanopia
00AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6FF 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 #00A6FF looks like.

```
.text, #text, p{  
    color:#00A6FF  
}
```

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 #00A6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6FF
}
```

Border

The CSS property to change the border of an element to Hex 00A6FF 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
#00A6FF }
```

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

```
.border{ border-color:#00A6FF }
```

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

Here you see how a box with a 4 pixel #00A6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6FF; -webkit-box-shadow:4px 4px  
4px 4px #00A6FF; box-shadow:4px 4px 4px  
4px #00A6FF }
```

Background

The CSS property to change the background color of an element to Hex 00A6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6FF }
```

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

```
.background{ background-color:#00A6FF }
```

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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