

Converting Colors

Hex(0AFFFF)

Have a look what the booklet for
Hex(0AFFFF) contains.

Hex(0AFFFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0AFFFF)

Conversions

Conversions Part 1

Format	Color
Hex	0AFFFF
RGB	10, 255, 255
RGB Percent	4%, 100%, 100%
CMY	0.9608, 0.0000, 0.0000
CMYK	0.96, 0.00, 0.00, 0.00
HSL	180°, 100%, 52%
HSV	180°, 96%, 100%
XYZ	53.9352, 78.8045, 106.9759
YIQ	181.7450, -146.0200, -51.9400

Conversions

Conversions Part 2

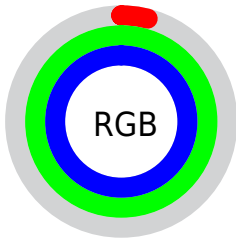
Format	Color
R _Y B	10, 133, 255
Decimal	720895
CIE Lab	91.15, -47.89, -14.09
CIE LCh	91, 49.916, 196.398
Yxy	78.8045, 0.2250, 0.3287
Android (android.graphics.Color)	4278910975 (0xFF0AFFFF)
YUV	181.7450, 36.1147, -150.6204
Hunter-Lab	88.7719, -46.8996, -9.3079

Details

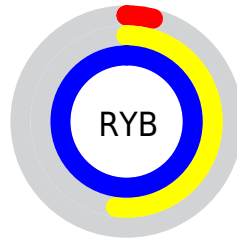
The Hex color **0AFFFF** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF0A0A**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **7BFFFF**, and **00C5C6** is the 20% darker color. If you saturate the color by 10%, you get **00FFFF**, and if you desaturate by 10%, it is **23FFFF**.

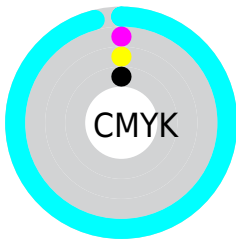
Distribution



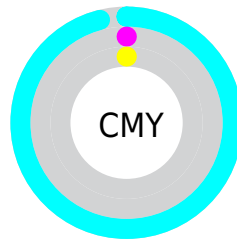
- Red (4%)
- Green (100%)
- Blue (100%)



- Red (4%)
- Yellow (52%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AFFFF 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 0AFFFF by changing the saturation by 10% instead.

 0AFFFF

 0AFFFF

FFFFFF

 00E2E2

 7BFFFF

 00C5C6

 9EFFFF

 00AAAB

 C0FFFF

 008E91

 E1FFFF

 007477

 005A5E

 004247

 002C30

 00091C

 0AFFFF

 0AFFFF

 00FFFF

 23FFFF

 3DFFFF

 57FFFF

 70FFFF

 8AFFFF

 A3FFFF

 BDFFFF

 D6FFFF

 F0FFFF

Harmonies

Analogous

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



75FECE



0AFFFF



00FBFF

Triad

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



0AFFFF



FFD0FF



FFDB88

Complementary

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



00FFFF



FF0000

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.



FFCBA2



0AFFFF



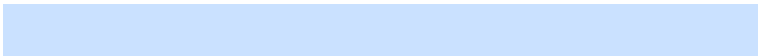
FFC2FD

Square

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



0AFFFF



CAE1FF



FFC1CD



EAE888

Rectangle

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



0AFFFF



52F5FF



FFC1CD



FFD68F

Sweetspot

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



0AFFFF



B5FFFF



0AFF0A



538080



000000



808080

Same Dimension

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



0AFFFF



00FFFF



0A84FF



738080



00BFBF



004040

Inverse Universe

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



FF0AFF



FF00FF



FF840A



807380



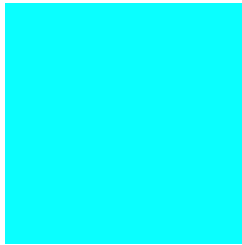
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 0AFFFF looks on a white background.

Color Contrast Check

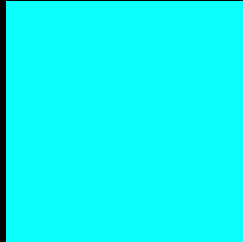
Large Text (above 18pt) WCAG AA × Fail

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 0AFFFF 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 0AFFFF Background



This preview shows how black text looks on a background with the Hex color 0AFFFF.

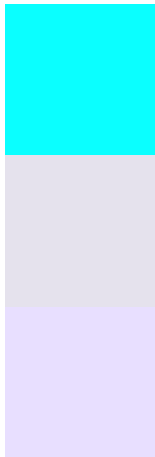


This preview shows how white text looks on a background with the Hex color 0AFFFF.

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](#).

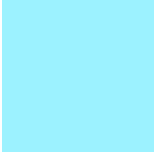
Dichromacy



Original Color
0AFFFF

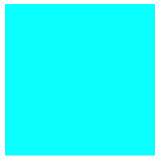
Protanopia
E5E2ED

Deuteranopia
E8DFFF



Tritanopia
9CF2FF

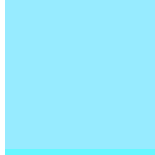
Trichromacy



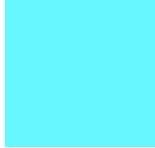
Original Color
0AFFFF



Protanomaly
95EDF4



Deuteranomaly
97EBFF

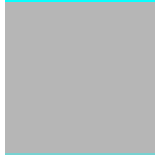


Tritanomaly
67F7FF

Monochromacy



Original Color
0AFFFF



Achromatopsia
B6B6B6



Achromatomaly
77D1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AFFFF 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 #0AFFFF looks like.

```
.text, #text, p{  
    color:#0AFFFF  
}
```

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 #0AFFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AFFFF
}
```

Border

The CSS property to change the border of an element to Hex 0AFFFF 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
#0AFFFF }
```

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

```
.border{ border-color:#0AFFFF }
```

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

Here you see how a box with a 4 pixel #0AFFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AFFFF; -webkit-box-shadow:4px 4px  
4px 4px #0AFFFF; box-shadow:4px 4px 4px  
4px #0AFFFF }
```

Background

The CSS property to change the background color of an element to Hex 0AFFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AFFFF }
```

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

```
.background{ background-color:#0AFFFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor