

Converting Colors

Hex(00AFDC)

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

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Color

Hex(00AFDC)

Conversions

Conversions Part 1

Format	Color
Hex	00AFDC
RGB	0, 175, 220
RGB Percent	0%, 69%, 86%
CMY	1.0000, 0.3137, 0.1373
CMYK	1.00, 0.20, 0.00, 0.14
HSL	192°, 100%, 43%
HSV	192°, 100%, 86%
XYZ	28.2482, 35.8273, 73.1367
YIQ	127.8050, -118.7450, -23.1050

Conversions

Conversions Part 2

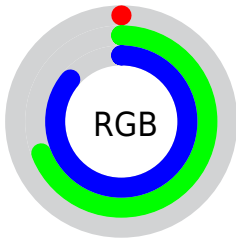
Format	Color
RYB	0, 97, 220
Decimal	45020
CIELab	66.39, -21.45, -33.11
CIELCh	66, 39.446, 237.065
Yxy	35.8273, 0.2059, 0.2611
Android (android.graphics.Color)	4278235100 (0xFF00AFDC)
YUV	127.8050, 45.4521, -112.0850
Hunter-Lab	59.8559, -20.5069, -30.5461

Details

The Hex color **00AFDC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DC2D00**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69E7FF**, and **007AA5** is the 20% darker color. If you saturate the color by 10%, you get **00AFDC**, and if you desaturate by 10%, it is **16B4DC**.

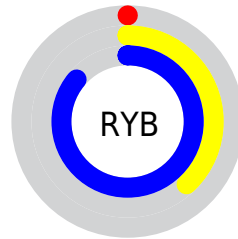
Distribution



Red (0%)

Green (69%)

Blue (86%)



Red (0%)

Yellow (38%)

Blue (86%)

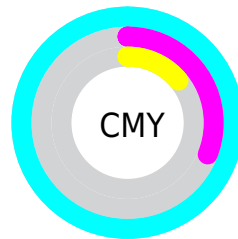


Cyan (100%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

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

 00AFDC

 00AFDC

FFFFFF

 0094C0

 69E7FF

 007AA5

 8AFFFF

 00618A

 AAFFFF

 004971

 C9FFFF

 003358

 E8FFFF

 001F40

 00032A

 000114

 000000

 00AFDC

 16B4DC

 2CB8DC

 42BDDC

 58C1DC

 6EC6DC

 84CADC

 9ACFDC

 B0D3DC

 C6D8DC

Harmonies

Analogous

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



00B4C0



00AFDC



64A6E8

Triad

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



00AFDC



E286A6



97A961

Complementary

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



00AFDC



DC2D00

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.



BB9E5A



00AFDC



E58883

Square

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



00AFDC



CB8DC8



D79267



6DB07A

Rectangle

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



00AFDC



8E9EE5



D79267



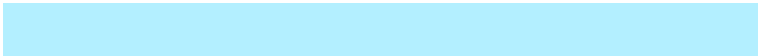
A4A65C

Sweetspot

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



00AFDC



B3EFFF



00DC2C



527680



000000



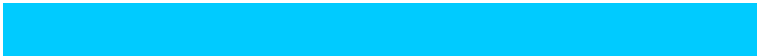
808080

Same Dimension

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



00AFDC



00CBFF



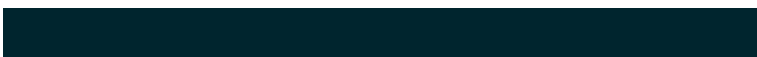
0042DC



636B6E



008AAD



00252E

Inverse Universe

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



DC00AF



FF00CB



DC9A00



6E636B



AD008A



2E0025

Previews

White Background



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

Color Contrast Check

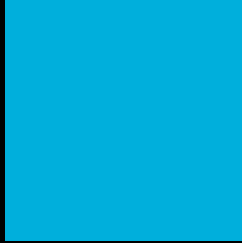
Large Text (above 18pt) WCAG AA × Fail

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 00AFDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

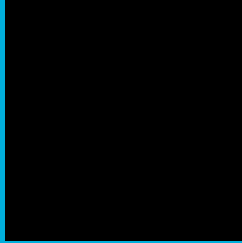
Any Text WCAG AA ✓ Pass

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 00AFDC Background



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

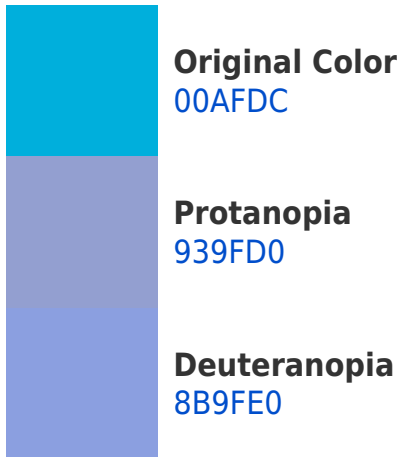


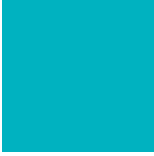
This preview shows how white text looks on a background with the Hex color 00AFDC.

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
00B2C0

Trichromacy



Original Color
00AFDC



Protanomaly
5EA5D4



Deuteranomaly
58A5DF



Tritanomaly
00B1CA

Monochromacy



Original Color
00AFDC



Achromatopsia
808080



Achromatomaly
5191A1

CSS Examples

Text

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

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

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 #00AFDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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