

# Converting Colors

Hex(0AAFD5)

Have a look what the booklet for  
Hex(0AAFD5) contains.

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# **Color**

**Hex(0AAFD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AAFD5
RGB	10, 175, 213
RGB Percent	4%, 69%, 84%
CMY	0.9608, 0.3137, 0.1647
CMYK	0.95, 0.18, 0.00, 0.16
HSL	191°, 91%, 44%
HSV	191°, 95%, 84%
XYZ	27.4654, 35.5286, 68.3609
YIQ	129.9970, -110.5380, -23.1620

# Conversions

## Conversions Part 2

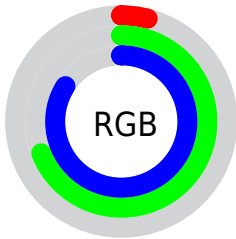
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	10, 101, 213
Decimal	700373
CIE Lab	66.16, -23.57, -29.60
CIE LCh	66, 37.840, 231.476
Yxy	35.5286, 0.2091, 0.2705
Android (android.graphics.Color)	4278890453 (0xFF0AAFD5)
YUV	129.9970, 40.9205, -105.2374
Hunter-Lab	59.6058, -22.0604, -26.2746

# Details

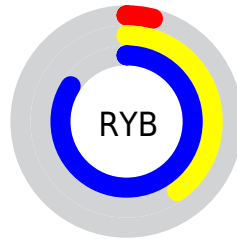
The Hex color **0AAFD5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D5300A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AE7FF**, and **007A9E** is the 20% darker color. If you saturate the color by 10%, you get **00ADD5**, and if you desaturate by 10%, it is **1FB3D5**.

# Distribution



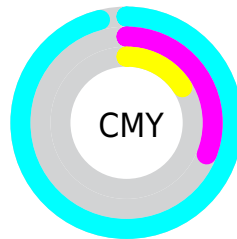
- Red (4%)
- Green (69%)
- Blue (84%)



- Red (4%)
- Yellow (40%)
- Blue (84%)



- Cyan (95%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (31%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AAFD5 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 0AAFD5 by changing the saturation by 10% instead.



0AAFD5

0AAFD5

FFFFFF

0094B9

6AE7FF

007A9E

8AFFFF

006184

AAFFFF

00496B

C9FFFF

003252

E8FFFF

001F3B

000225

00010E

000000

■ 0AAFD5

■ 0AAFD5

■ 00ADD5

■ 1FB3D5

■ 35B7D5

■ 4ABBD5

■ 5FBFD5

■ 75C3D5

■ 8AC7D5

■ 9FCBD5

■ B4CFD5

■ CAD3D5

# Harmonies

## Analogous

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



00B3B9



0AAFD5



5CA7E3

# Triad

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



0AAFD5



DC87AC



9EA660

# Complementary

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



0AAFD5



D5300A

# 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.



C09B5D



0AAFD5



E3878A

# Square

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



0AAFD5



C28FCB



D8906D



77AE75

# Rectangle

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



0AAFD5



84A0E3



D8906D



AAA35D

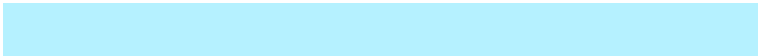


# Sweetspot

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



0AAFD5



B5F1FF



0AD52F



537780



000000



808080

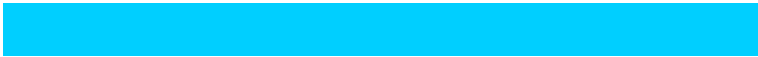


# Same Dimension

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



0AAFD5



00CFFF



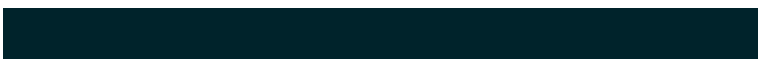
0A4AD5



60696B



008BAB



00232B



# Inverse Universe

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



D50AAF



FF00CF



D5950A



6B6069



AB008B



2B0023



# Previews

## White Background



This preview shows how the Hex color 0AAFD5 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 00A0D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

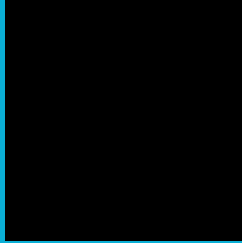
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0AAFD5 Background



This preview shows how black text looks on a background with the Hex color 0AAFD5.

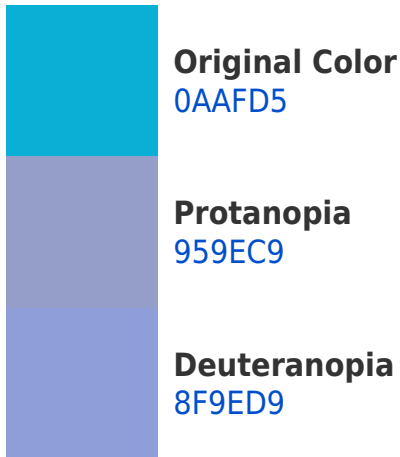


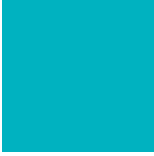
This preview shows how white text looks on a background with the Hex color 0AAFD5.

# 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**  
0AAFD5



**Protanomaly**  
62A4CD



**Deuteranomaly**  
5FA4D8



**Tritanomaly**  
04B1C8

# Monochromacy



**Original Color**  
0AAFD5



**Achromatopsia**  
828282



**Achromatomaly**  
5692A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AAFD5 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 #0AAFD5 looks like.

```
.text, #text, p{  
    color:#0AAFD5  
}
```

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 #0AAFD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAFD5
}
```

## Border

The CSS property to change the border of an element to Hex 0AAFD5 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
#0AAFD5 }
```

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

```
.border{ border-color:#0AAFD5 }
```

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

Here you see how a box with a 4 pixel #0AAFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAFD5; -webkit-box-shadow:4px 4px  
4px 4px #0AAFD5; box-shadow:4px 4px 4px  
4px #0AAFD5 }
```

# Background

The CSS property to change the background color of an element to Hex 0AAFD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAFD5 }
```

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

```
.background{ background-color:#0AAFD5 }
```

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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