

# Converting Colors

Hex(00AFDE)

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

<b>Hex(00AFDE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Hex(00AFDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AFDE
RGB	0, 175, 222
RGB Percent	0%, 69%, 87%
CMY	1.0000, 0.3137, 0.1294
CMYK	1.00, 0.21, 0.00, 0.13
HSL	193°, 100%, 44%
HSV	193°, 100%, 87%
XYZ	28.5148, 35.9339, 74.5403
YIQ	128.0330, -119.3870, -22.4830

# Conversions

## Conversions Part 2

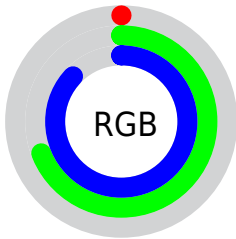
Format	Color
<a href="#">RYB</a>	<a href="#">0, 98, 222</a>
Decimal	<a href="#">45022</a>
CIELab	<a href="#">66.47, -20.75, -34.08</a>
CIELCh	<a href="#">66, 39.901, 238.661</a>
Yxy	<a href="#">35.9339, 0.2052, 0.2585</a>
Android (android.graphics.Color)	<a href="#">4278235102</a> ( <a href="#">0xFF00AFDE</a> )
YUV	<a href="#">128.0330, 46.3257, -112.2849</a>
Hunter-Lab	<a href="#">59.9449, -19.9940, -31.7646</a>

# Details

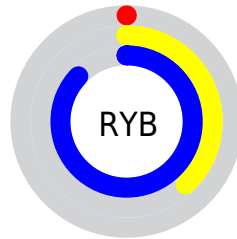
The Hex color **00AFDE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DE2F00**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6AE7FF**, and **007AA7** is the 20% darker color. If you saturate the color by 10%, you get **00AFDE**, and if you desaturate by 10%, it is **16B4DE**.

# Distribution



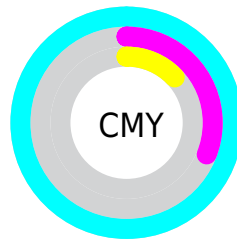
- Red (0%)
- Green (69%)
- Blue (87%)



- Red (0%)
- Yellow (38%)
- Blue (87%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (31%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 00AFDE

 00AFDE

FFFFFF

 0094C2

 6AE7FF

 007AA7

 8BFFFF

 00618C

 AAFFFF

 004972

 CAFFFF

 00335A

 E9FFFF

 001F42

 00032C

 000116

 000000

 00AFDE

 16B4DE

 2CB8DE

 43BDDE

 59C2DE

 6FC6DE

 85CBDE

 9BD0DE

 B2D5DE

 C8D9DE

# Harmonies

## Analogous

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



00B4C3



00AFDE



67A6E9

# Triad

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



00AFDE



E385A5



95AA61

# Complementary

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



00AFDE



DE2F00

# 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.



BA9F59



00AFDE



E68881

# Square

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



00AFDE



CD8CC7



D69265



6AB17B

# Rectangle

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



00AFDE



919DE5



D69265



A2A75C

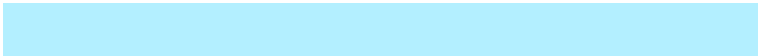


# Sweetspot

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



00AFDE



B3EFFF



00DE2C



527680



000000



808080



# Same Dimension

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



00AFDE



00C9FF



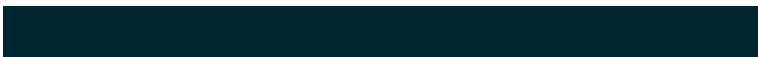
0043DE



656E70



008BB0



002630



# Inverse Universe

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



DE00AF



FF00C9



DE9B00



70656E



B0008B



300026



# Previews

## White Background



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

## Color Contrast Check

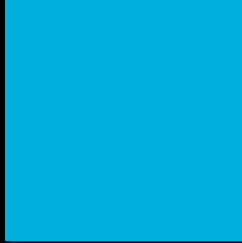
Large Text (above 18pt) WCAG AA × Fail

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 00AFDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

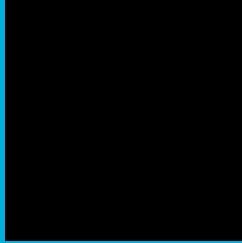
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00AFDE Background



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



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

# 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



# Trichromacy



**Original Color**  
00AFDE

**Protanomaly**  
5EA5D6

**Deuteranomaly**  
58A5E1

# Monochromacy



**Original Color**  
00AFDE

**Achromatopsia**  
808080

**Achromatomaly**  
5191A2

# CSS Examples

## Text

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

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

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 #00AFDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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