

Converting Colors

Hex(00ADD7)

Have a look what the booklet for
Hex(00ADD7) contains.

Hex(00ADD7)	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(00ADD7)

Conversions

Conversions Part 1

Format	Color
Hex	00ADD7
RGB	0, 173, 215
RGB Percent	0%, 68%, 84%
CMY	1.0000, 0.3216, 0.1569
CMYK	1.00, 0.20, 0.00, 0.16
HSL	192°, 100%, 42%
HSV	192°, 100%, 84%
XYZ	27.2093, 34.7934, 69.5717
YIQ	126.0610, -116.5900, -23.6140

Conversions

Conversions Part 2

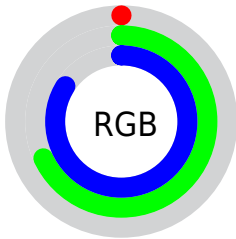
Format	Color
RYB	0, 96, 215
Decimal	44503
CIELab	65.59, -22.14, -31.59
CIELCh	66, 38.578, 234.979
Yxy	34.7934, 0.2068, 0.2644
Android (android.graphics.Color)	4278234583 (0xFF00ADD7)
YUV	126.0610, 43.8469, -110.5555
Hunter-Lab	58.9860, -20.8861, -28.6401

Details

The Hex color **00ADD7** 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 **D72A00**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **68E5FF**, and **0078A0** is the 20% darker color. If you saturate the color by 10%, you get **00ADD7**, and if you desaturate by 10%, it is **15B1D7**.

Distribution



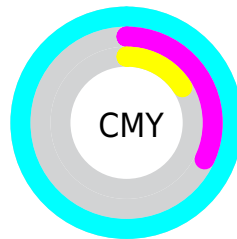
- Red (0%)
- Green (68%)
- Blue (84%)



- Red (0%)
- Yellow (38%)
- Blue (84%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ADD7 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 00ADD7 by changing the saturation by 10% instead.

 00ADD7

 00ADD7

FFFFFF

 0092BB

 68E5FF

 0078A0

 89FFFF

 006086

 A8FFFF

 00486C

 C7FFFF

 003154

 E7FFFF

 001E3C

 000326

 000110

 000000

 00ADD7

 15B1D7

 2BB5D7

 41BAD7

 56BED7

 6CC2D7

 81C6D7

 97CAD7

 ACCFD7

 C2D3D7

Harmonies

Analogous

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



00B1BB



00ADD7



60A5E4

Triad

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



00ADD7



DD84A7



98A65F

Complementary

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



00ADD7



D72A00

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.



BB9B5A



00ADD7



E28684

Square

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



00ADD7



C58CC7



D58F68



6FAD76

Rectangle

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



00ADD7



899DE2



D58F68



A4A35B

Sweetspot

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



00ADD7



B3FOFF



00D727



527780



000000



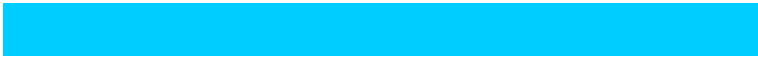
808080

Same Dimension

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



00ADD7



00CDFF



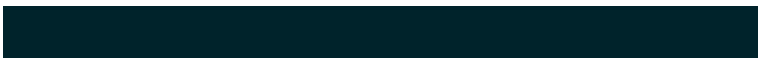
0044D7



60696B



0089AB



00232B

Inverse Universe

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



D700AD



FF00CD



D79300



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 00ADD7 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 00ADD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

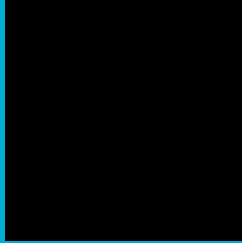
Any Text WCAG AA ✓ Pass

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 00ADD7 Background



This preview shows how black text looks on a background with the Hex color 00ADD7.



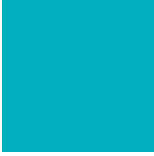
This preview shows how white text looks on a background with the Hex color 00ADD7.

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
00ADD7



Protanomaly
5DA3CF



Deuteranomaly
58A2DA



Tritanomaly
00AFC7

Monochromacy



Original Color
00ADD7



Achromatopsia
7E7E7E



Achromatomaly
508F9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ADD7 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 #00ADD7 looks like.

```
.text, #text, p{  
    color:#00ADD7  
}
```

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 #00ADD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ADD7
}
```

Border

The CSS property to change the border of an element to Hex 00ADD7 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
#00ADD7 }
```

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

```
.border{ border-color:#00ADD7 }
```

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

Here you see how a box with a 4 pixel #00ADD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ADD7; -webkit-box-shadow:4px 4px  
4px 4px #00ADD7; box-shadow:4px 4px 4px  
4px #00ADD7 }
```

Background

The CSS property to change the background color of an element to Hex 00ADD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ADD7 }
```

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

```
.background{ background-color:#00ADD7 }
```

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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