

# Converting Colors

Hex(07ADD7)

Have a look what the booklet for  
Hex(07ADD7) contains.

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# **Color**

**Hex(07ADD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07ADD7
RGB	7, 173, 215
RGB Percent	3%, 68%, 84%
CMY	0.9725, 0.3216, 0.1569
CMYK	0.97, 0.20, 0.00, 0.16
HSL	192°, 94%, 44%
HSV	192°, 97%, 84%
XYZ	27.2969, 34.8386, 69.5758
YIQ	128.1540, -112.4180, -22.1300

# Conversions

## Conversions Part 2

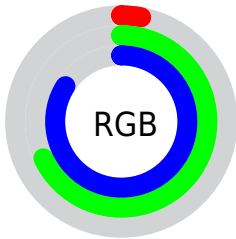
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 99, 215
Decimal	503255
CIELab	65.62, -21.94, -31.54
CIELCh	66, 38.416, 235.175
Yxy	34.8386, 0.2072, 0.2645
Android (android.graphics.Color)	4278693335 (0xFF07ADD7)
YUV	128.1540, 42.8151, -106.2521
Hunter-Lab	59.0242, -20.7415, -28.5721

# Details

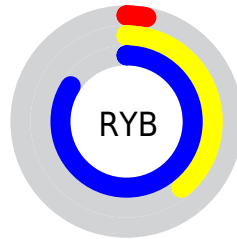
The Hex color **07ADD7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D73107**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **69E5FF**, and **0078A0** is the 20% darker color. If you saturate the color by 10%, you get **00ACD7**, and if you desaturate by 10%, it is **1CB1D7**.

# Distribution



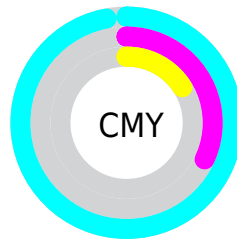
- Red (3%)
- Green (68%)
- Blue (84%)



- Red (3%)
- Yellow (39%)
- Blue (84%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (97%)
- Magenta (32%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07ADD7 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 07ADD7 by changing the saturation by 10% instead.



 07ADD7

 07ADD7

FFFFFF

 0092BB

 69E5FF

 0078A0

 8AFFFF

 006086

 A9FFFF

 00486C

 C8FFFF

 003154

 E7FFFF

 001E3C

 000326

 000110

 000000

07ADD7

07ADD7

00ACD7

1CB1D7

32B6D7

47BAD7

5DBED7

73C3D7

88C7D7

9ECBD7

B3D0D7

C9D4D7

# Harmonies

## Analogous

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



00B1BC



07ADD7



61A5E4

# Triad

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



07ADD7



DD85A6



98A660

# Complementary

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



07ADD7



D73107

# 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



07ADD7



E28684

# Square

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



07ADD7



C58CC7



D58F68



6FAE77

# Rectangle

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



07ADD7



899DE2



D58F68



A4A35C

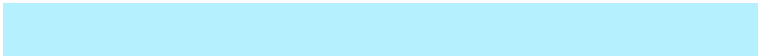


# Sweetspot

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



07ADD7



B5F0FF



07D731



537680



000000



808080

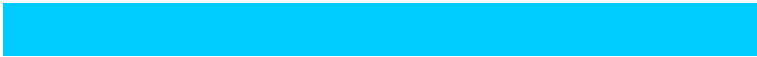


# Same Dimension

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



07ADD7



00CCFF



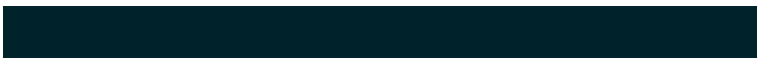
0745D7



60696B



0088AB



00232B



# Inverse Universe

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



D707AD



FF00CC



D79907



6B6069



AB0088

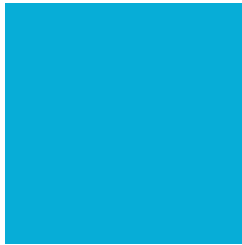


2B0023



# Previews

## White Background



This preview shows how the Hex color 07ADD7 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 07ADD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

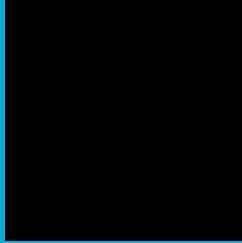
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 07ADD7 Background



This preview shows how black text looks on a background with the Hex color 07ADD7.



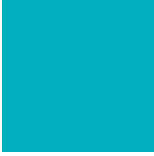
This preview shows how white text looks on a background with the Hex color 07ADD7.

# 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**  
07ADD7



**Protanomaly**  
5FA3CF



**Deuteranomaly**  
5BA2DA



**Tritanomaly**  
03AFC7

# Monochromacy



**Original Color**  
07ADD7



**Achromatopsia**  
808080



**Achromatomaly**  
5490A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07ADD7 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 #07ADD7 looks like.

```
.text, #text, p{  
    color:#07ADD7  
}
```

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 #07ADD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07ADD7
}
```

## Border

The CSS property to change the border of an element to Hex 07ADD7 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
#07ADD7 }
```

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

```
.border{ border-color:#07ADD7 }
```

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

Here you see how a box with a 4 pixel #07ADD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07ADD7; -webkit-box-shadow:4px 4px  
4px 4px #07ADD7; box-shadow:4px 4px 4px  
4px #07ADD7 }
```

# Background

The CSS property to change the background color of an element to Hex 07ADD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07ADD7 }
```

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

```
.background{ background-color:#07ADD7 }
```

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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