

# Converting Colors

Hex(07AADE)

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

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# **Color**

**Hex(07AADE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07AADE
RGB	7, 170, 222
RGB Percent	3%, 67%, 87%
CMY	0.9725, 0.3333, 0.1294
CMYK	0.97, 0.23, 0.00, 0.13
HSL	195°, 94%, 45%
HSV	195°, 97%, 87%
XYZ	27.6472, 34.0685, 74.2260
YIQ	127.1910, -113.8400, -18.3840

# Conversions

## Conversions Part 2

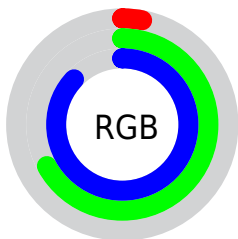
Format	Color
<a href="#">RYB</a>	7, 100, 222
Decimal	502494
CIELab	65.02, -17.92, -36.34
CIELCh	65, 40.515, 243.746
Yxy	34.0685, 0.2034, 0.2506
Android (android.graphics.Color)	4278692574 (0xFF07AADE)
YUV	127.1910, 46.7408, -105.4075
Hunter-Lab	58.3683, -17.5948, -34.5403

# Details

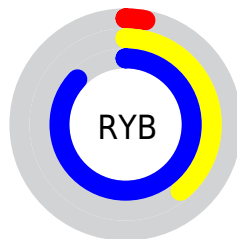
The Hex color **07AADE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DE3B07**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6AE1FF**, and **0076A7** is the 20% darker color. If you saturate the color by 10%, you get **00A8DE**, and if you desaturate by 10%, it is **1DAFDE**.

# Distribution



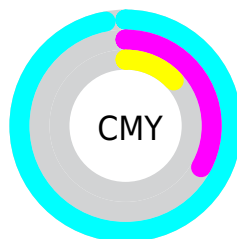
- Red (3%)
- Green (67%)
- Blue (87%)



- Red (3%)
- Yellow (39%)
- Blue (87%)



- Cyan (97%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (33%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



07AADE

07AADE

FFFFFF

008FC2

6AE1FF

0076A7

8BF EFF

005D8C

ABFFFF

004572

CAFFFF

002F59

E9FFFF

001C42

00032B

000116

000000

■ 07AADE

■ 07AADE

■ 00A8DE

■ 1DAFDE

■ 33B5DE

■ 4ABADE

■ 60BFDE

■ 76C5DE

■ 8CCADE

■ A2D0DE

■ B9D5DE

■ CFDADE

# Harmonies

## Analogous

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



00B0C5



07AADE



6DA0E6

# Triad

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



07AADE



E2819B



8AA760

# Complementary

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



07AADE



DE3B07

# 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.



B09D54



07AADE



E18577

# Square

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



07AADE



CF86BF



CF905D



5DAE7C

# Rectangle

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



07AADE



9697E0



CF905D



98A45A

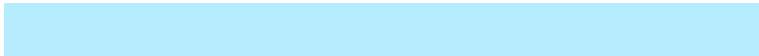


# Sweetspot

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



07AADE



B5EDFF



07DE39



537580



000000



808080

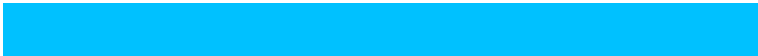


# Same Dimension

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



07AADE



00C1FF



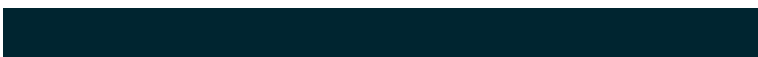
0740DE



656D70



0085B0



002530



# Inverse Universe

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



DE07AA



FF00C1



DEA507



70656D



B00085



300025



# Previews

## White Background



This preview shows how the Hex color 07AADE looks on a white background.

## Color Contrast Check

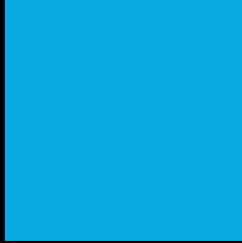
Large Text (above 18pt) WCAG AA × Fail

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 07AADE 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 07AADE Background



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



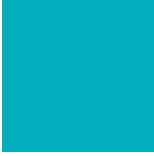
This preview shows how white text looks on a background with the Hex color 07AADE.

# 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**  
00AEBC

# Trichromacy



**Original Color**  
07AADE



**Protanomaly**  
5CA0D6



**Deuteranomaly**  
55A0E0



**Tritanomaly**  
03ADC8

# Monochromacy



**Original Color**  
07AADE



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
538FA2

# CSS Examples

## Text

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

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

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 #07AADE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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