

Converting Colors

Hex(07B6DD)

Have a look what the booklet for
Hex(07B6DD) contains.

Hex(07B6DD)	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(07B6DD)

Conversions

Conversions Part 1

Format	Color
Hex	07B6DD
RGB	7, 182, 221
RGB Percent	3%, 71%, 87%
CMY	0.9725, 0.2863, 0.1333
CMYK	0.97, 0.18, 0.00, 0.13
HSL	191°, 94%, 45%
HSV	191°, 97%, 87%
XYZ	29.8667, 38.7215, 74.3065
YIQ	134.1210, -116.8190, -24.9710

Conversions

Conversions Part 2

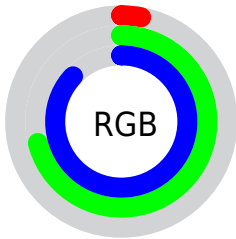
Format	Color
RYB	7, 103, 221
Decimal	505565
CIELab	68.55, -24.51, -30.31
CIELCh	69, 38.978, 231.041
Yxy	38.7215, 0.2090, 0.2710
Android (android.graphics.Color)	4278695645 (0xFF07B6DD)
YUV	134.1210, 42.8313, -111.4851
Hunter-Lab	62.2266, -23.2225, -27.2411

Details

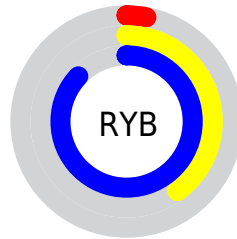
The Hex color **07B6DD** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DD2E07**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BEEFF**, and **0081A6** is the 20% darker color. If you saturate the color by 10%, you get **00B5DD**, and if you desaturate by 10%, it is **1DBADD**.

Distribution



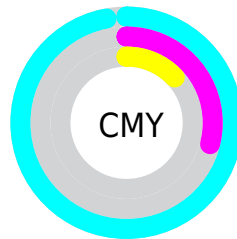
- Red (3%)
- Green (71%)
- Blue (87%)



- Red (3%)
- Yellow (40%)
- Blue (87%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07B6DD 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 07B6DD by changing the saturation by 10% instead.

 07B6DD

 07B6DD

FFFFFF

 009BC1

 6BEEFF

 0081A6

 8CFFFF

 00688B

 ACFFFF

 004F72

 CBFFFF

 003859

 EBFFFF

 002341

 00032B

 000116

 000000

■ 07B6DD

■ 07B6DD

■ 00B5DD

■ 1DBADD

■ 33BEDD

■ 49C2DD

■ 5FC6DD

■ 76CADD

■ 8CCEDD

■ A2D2DD

■ B8D6DD

■ CEDADD

Harmonies

Analogous

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



00BABF



07B6DD



5FAEEC

Triad

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



07B6DD



E48CB3



A5AD64

Complementary

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



07B6DD



DD2E07

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.



C7A161



07B6DD



EC8D90

Square

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



07B6DD



C995D4



E19572



7CB57A

Rectangle

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



07B6DD



89A6EC



E19572



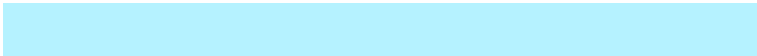
B1A961

Sweetspot

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



07B6DD



B5F2FF



07DD2B



537780



000000



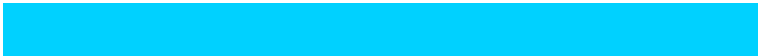
808080

Same Dimension

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



07B6DD



00D1FF



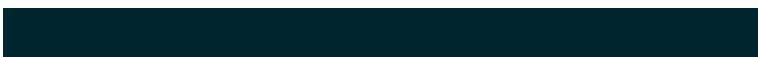
074EDD



636C6E



008EAD



00262E

Inverse Universe

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



DD07B6



FF00D1



DD9607



6E636C



AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 07B6DD looks on a white background.

Color Contrast Check

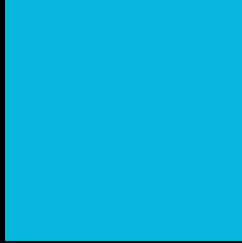
Large Text (above 18pt) WCAG AA × Fail

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 07B6DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

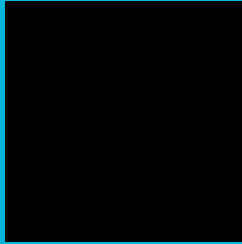
Any Text WCAG AA ✓ Pass

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 07B6DD Background



This preview shows how black text looks on a background with the Hex color 07B6DD.

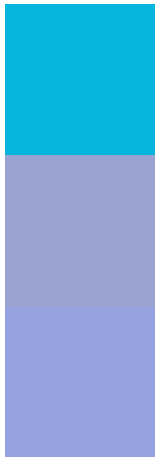


This preview shows how white text looks on a background with the Hex color 07B6DD.

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](#).

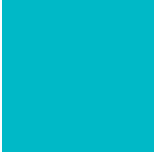
Dichromacy



Original Color
07B6DD

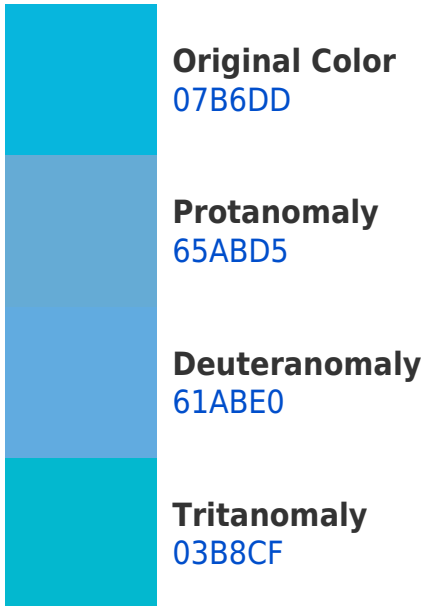
Protanopia
9BA4D0

Deuteranopia
95A4E1

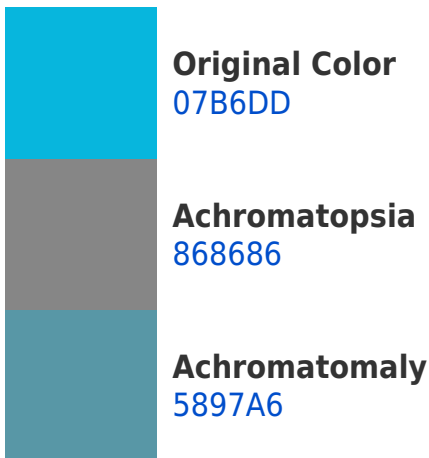


Tritanopia
00B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 07B6DD 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 #07B6DD looks like.

```
.text, #text, p{  
    color:#07B6DD  
}
```

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 #07B6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07B6DD
}
```

Border

The CSS property to change the border of an element to Hex 07B6DD 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
#07B6DD }
```

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

```
.border{ border-color:#07B6DD }
```

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

Here you see how a box with a 4 pixel #07B6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07B6DD; -webkit-box-shadow:4px 4px  
4px 4px #07B6DD; box-shadow:4px 4px 4px  
4px #07B6DD }
```

Background

The CSS property to change the background color of an element to Hex 07B6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07B6DD }
```

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

```
.background{ background-color:#07B6DD }
```

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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