

Converting Colors

Hex(07B7DC)

Have a look what the booklet for
Hex(07B7DC) contains.

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Color

Hex(07B7DC)

Conversions

Conversions Part 1

Format	Color
Hex	07B7DC
RGB	7, 183, 220
RGB Percent	3%, 72%, 86%
CMY	0.9725, 0.2824, 0.1373
CMYK	0.97, 0.17, 0.00, 0.14
HSL	190°, 94%, 45%
HSV	190°, 97%, 86%
XYZ	29.9394, 39.0795, 73.6753
YIQ	134.5940, -116.7730, -25.8050

Conversions

Conversions Part 2

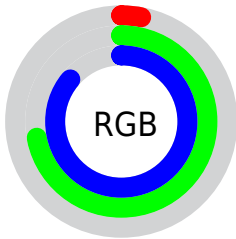
Format	Color
RYB	7, 103, 220
Decimal	505820
CIELab	68.81, -25.35, -29.36
CIELCh	69, 38.792, 229.191
Yxy	39.0795, 0.2098, 0.2739
Android (android.graphics.Color)	4278695900 (0xFF07B7DC)
YUV	134.5940, 42.1052, -111.8999
Hunter-Lab	62.5136, -23.9104, -26.1167

Details

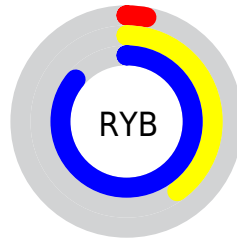
The Hex color **07B7DC** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DC2C07**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BEFFF**, and **0082A5** is the 20% darker color. If you saturate the color by 10%, you get **00B6DC**, and if you desaturate by 10%, it is **1DBBDC**.

Distribution



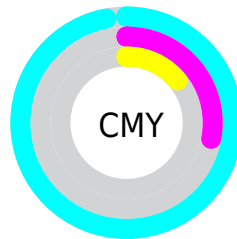
- Red (3%)
- Green (72%)
- Blue (86%)



- Red (3%)
- Yellow (40%)
- Blue (86%)



- Cyan (97%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (97%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07B7DC 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 07B7DC by changing the saturation by 10% instead.

 07B7DC

 07B7DC

FFFFFF

 009CC0


 6BEFFF

 0082A5

 8CFFFF

 00688A

 ACFFFF

 005071

 CBFFFF

 003958

 EAFFFF

 002441

 00032B

 000115

 000000

07B7DC

07B7DC

00B6DC

1DBBDC

33BFDC

49C2DC

5FC6DC

75CADC

8BCEDC

A1D2DC

B7D6DC

CDD9DC

Harmonies

Analogous

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



0BBABE



07B7DC



5CAFEC

Triad

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



07B7DC



E48EB6



A8AD64

Complementary

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



07B7DC



DC2C07

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.



CAA163



07B7DC



EC8D93

Square

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



07B7DC



C797D6



E29574



80B579

Rectangle

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



07B7DC



86A8ED



E29574



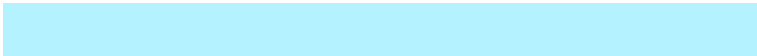
B4A961

Sweetspot

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



07B7DC



B5F2FF



07DC2A



537880



000000



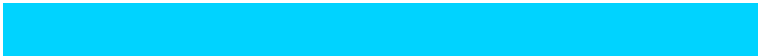
808080

Same Dimension

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



07B7DC



00D3FF



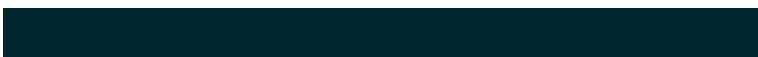
074EDC



636C6E



008FAD



00262E

Inverse Universe

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



DC07B7



FF00D3



DC9507



6E636C



AD008F



2E0026

Previews

White Background



This preview shows how the Hex color 07B7DC looks on a white background.

Color Contrast Check

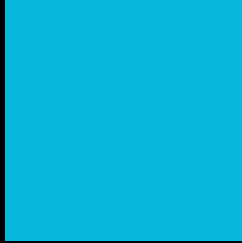
Large Text (above 18pt) WCAG AA × Fail

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 07B7DC 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 07B7DC Background



This preview shows how black text looks on a background with the Hex color 07B7DC.

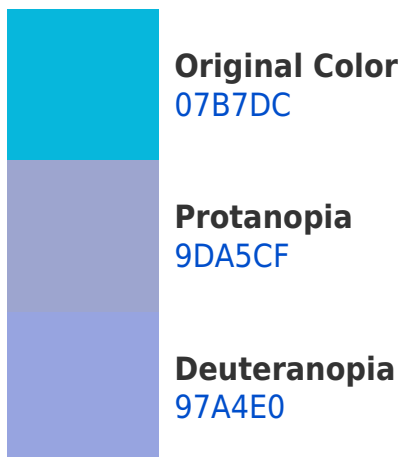


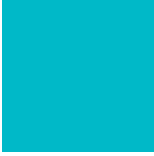
This preview shows how white text looks on a background with the Hex color 07B7DC.

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
00B9C8

Trichromacy



Original Color
07B7DC



Protanomaly
66ACD4



Deuteranomaly
63ABDF



Tritanomaly
03B8CF

Monochromacy



Original Color
07B7DC



Achromatopsia
878787



Achromatomaly
5898A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 07B7DC 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 #07B7DC looks like.

```
.text, #text, p{  
    color:#07B7DC  
}
```

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 #07B7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07B7DC  
}
```

Border

The CSS property to change the border of an element to Hex 07B7DC 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  
#07B7DC }
```

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

```
.border{ border-color:#07B7DC }
```

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

Here you see how a box with a 4 pixel #07B7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07B7DC; -webkit-box-shadow:4px 4px  
4px 4px #07B7DC; box-shadow:4px 4px 4px  
4px #07B7DC }
```

Background

The CSS property to change the background color of an element to Hex 07B7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07B7DC }
```

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

```
.background{ background-color:#07B7DC }
```

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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