

Converting Colors

Hex(07BCDB)

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

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Color

Hex(07BCDB)

Conversions

Conversions Part 1

Format	Color
Hex	07BCDB
RGB	7, 188, 219
RGB Percent	3%, 74%, 86%
CMY	0.9725, 0.2627, 0.1412
CMYK	0.97, 0.14, 0.00, 0.14
HSL	189°, 94%, 44%
HSV	189°, 97%, 86%
XYZ	30.8570, 41.1261, 73.3296
YIQ	137.4150, -117.8270, -28.7310

Conversions

Conversions Part 2

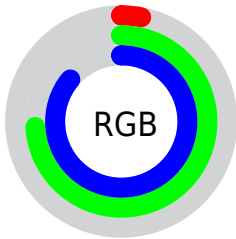
Format	Color
RYB	7, 105, 219
Decimal	507099
CIELab	70.26, -28.18, -26.58
CIELCh	70, 38.739, 223.319
Yxy	41.1261, 0.2123, 0.2830
Android (android.graphics.Color)	4278697179 (0xFF07BCDB)
YUV	137.4150, 40.2214, -114.3740
Hunter-Lab	64.1296, -26.3386, -22.9050

Details

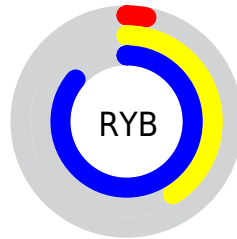
The Hex color **07BCDB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB2607**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6CF5FF**, and **0086A4** is the 20% darker color. If you saturate the color by 10%, you get **00BBDB**, and if you desaturate by 10%, it is **1DBFDB**.

Distribution



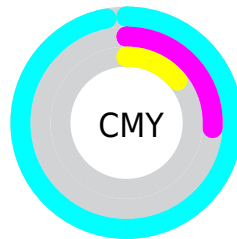
- Red (3%)
- Green (74%)
- Blue (86%)



- Red (3%)
- Yellow (41%)
- Blue (86%)



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



- Cyan (97%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 07BCDB

 07BCDB

FFFFFF

 00A1BF


 6CF5FF

 0086A4

 8DFFFF

 006D8A

 ACFFFF

 005470

 CCFFFF

 003C57

 EBFFFF

 002740

 00052A

 000114

 000000

07BCDB

07BCDB

00BBDB

1DBFDB

33C2DB

49C6DB

5FC9DB

75CCDB

8ACFDB

A0D2DB

B6D6DB

CCD9DB

Harmonies

Analogous

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



28BFBB



07BCDB



54B5EF

Triad

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



07BCDB



E493C1



B3AF66

Complementary

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



07BCDB



DB2607

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.



D4A369



07BCDB



F0909D

Square

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



07BCDB



C49DDF



EA977D



8CB877

Rectangle

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



07BCDB



7FAEF2



EA977D



BFAB65

Sweetspot

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



07BCDB



B5F4FF



07DB23



537980



000000



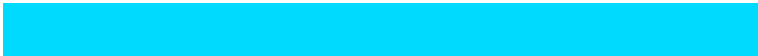
808080

Same Dimension

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



07BCDB



00DAFF



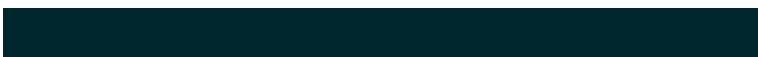
0755DB



636C6E



0094AD



00272E

Inverse Universe

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



DB07BC



FF00DA



DB8D07



6E636C



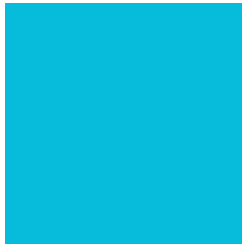
AD0094



2E0027

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

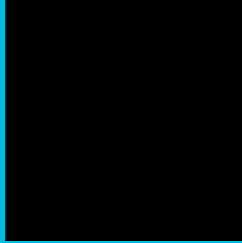
Any Text WCAG AA ✓ Pass

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 07BCDB Background



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



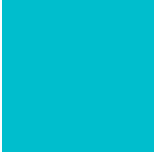
This preview shows how white text looks on a background with the Hex color 07BCDB.

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
07BCDB



Protanomaly
6AB0D3



Deuteranomaly
67AFDE



Tritanomaly
03BDD2

Monochromacy



Original Color
07BCDB



Achromatopsia
898989



Achromatomaly
5A9CA7

CSS Examples

Text

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

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

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 #07BCDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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