

Converting Colors

Hex(06C7DD)

Have a look what the booklet for
Hex(06C7DD) contains.

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Color

Hex(06C7DD)

Conversions

Conversions Part 1

Format	Color
Hex	06C7DD
RGB	6, 199, 221
RGB Percent	2%, 78%, 87%
CMY	0.9765, 0.2196, 0.1333
CMYK	0.97, 0.10, 0.00, 0.13
HSL	186°, 95%, 45%
HSV	186°, 97%, 87%
XYZ	33.5497, 46.1060, 75.5377
YIQ	143.8010, -122.0900, -34.0740

Conversions

Conversions Part 2

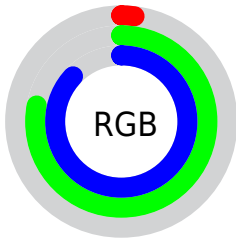
Format	Color
RYB	6, 108, 221
Decimal	444381
CIELab	73.61, -32.91, -22.54
CIELCh	74, 39.888, 214.414
Yxy	46.1060, 0.2162, 0.2971
Android (android.graphics.Color)	4278634461 (0xFF06C7DD)
YUV	143.8010, 38.0591, -120.8515
Hunter-Lab	67.9014, -30.6317, -18.4269

Details

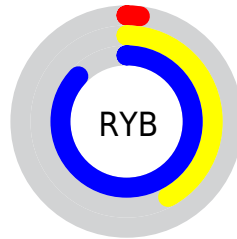
The Hex color **06C7DD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DD1C06**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6DFFFF**, and **0091A6** is the 20% darker color. If you saturate the color by 10%, you get **00C6DD**, and if you desaturate by 10%, it is **1CC9DD**.

Distribution



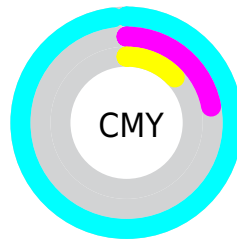
- Red (2%)
- Green (78%)
- Blue (87%)



- Red (2%)
- Yellow (42%)
- Blue (87%)



- Cyan (97%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (98%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06C7DD 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 06C7DD by changing the saturation by 10% instead.

 06C7DD

 06C7DD

FFFFFF

 00ABC1

 6DFFFF

 0091A6

 8FFFFFFF

 00778C

 AFFFFFFF

 005D72

 CEFFFF

 004559

 EEEFFF

 002E42

 00172C

 000117

 000000

06C7DD

06C7DD

00C6DD

1CC9DD

32CCDD

48CEDD

5ED0DD

75D2DD

8BD5DD

A1D7DD

B7D9DD

CDDBDD

Harmonies

Analogous

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



40C8B9



06C7DD



46C1F6

Triad

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



06C7DD



E79DD5



C8B46B

Complementary

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



06C7DD



DD1C06

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.



E7A874



06C7DD



FB98B1

Square

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



06C7DD



C0A9F1



F99D8D



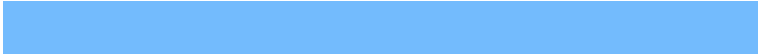
A1BF77

Rectangle

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



06C7DD



73BBFD



F99D8D



D3B06C

Sweetspot

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



06C7DD



B5F7FF



06DD1B



537B80



000000



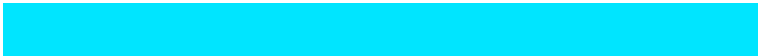
808080

Same Dimension

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



06C7DD



00E5FF



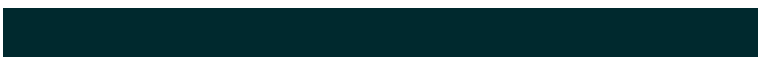
065CDD



636D6E



009CAD



00292E

Inverse Universe

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



DD06C7



FF00E5



DD8706



6E636D



AD009C



2E0029

Previews

White Background



This preview shows how the Hex color 06C7DD 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 06C7DD 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 06C7DD Background



This preview shows how black text looks on a background with the Hex color 06C7DD.

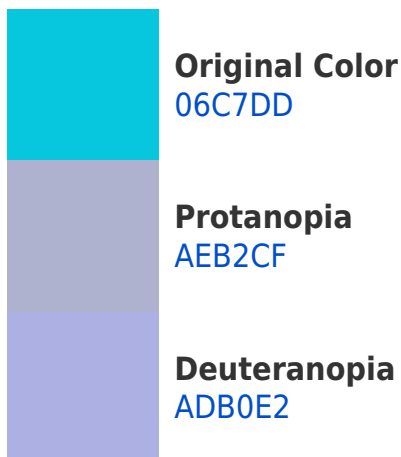


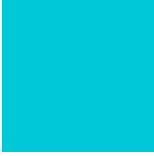
This preview shows how white text looks on a background with the Hex color 06C7DD.

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](#).

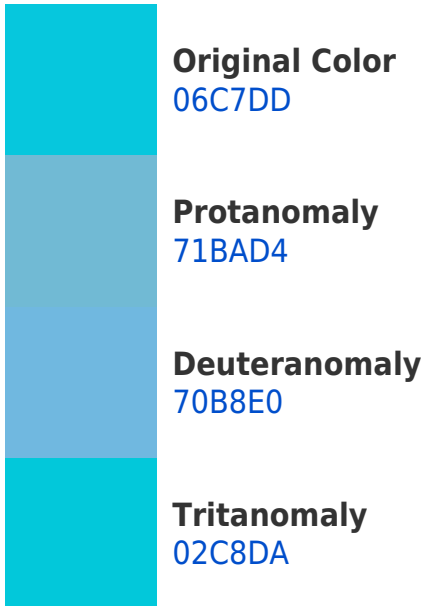
Dichromacy



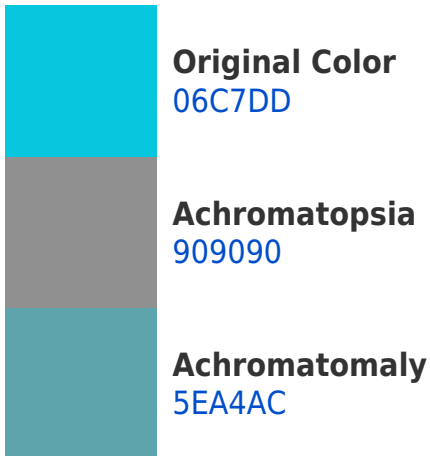


Tritanopia
00C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 06C7DD 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 #06C7DD looks like.

```
.text, #text, p{  
    color:#06C7DD  
}
```

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 #06C7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06C7DD
}
```

Border

The CSS property to change the border of an element to Hex 06C7DD 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
#06C7DD }
```

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

```
.border{ border-color:#06C7DD }
```

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

Here you see how a box with a 4 pixel #06C7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06C7DD; -webkit-box-shadow:4px 4px  
4px 4px #06C7DD; box-shadow:4px 4px 4px  
4px #06C7DD }
```

Background

The CSS property to change the background color of an element to Hex 06C7DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06C7DD }
```

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

```
.background{ background-color:#06C7DD }
```

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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