

# Converting Colors

Hex(00D5DE)

Have a look what the booklet for  
Hex(00D5DE) contains.

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# **Color**

**Hex(00D5DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D5DE
RGB	0, 213, 222
RGB Percent	0%, 84%, 87%
CMY	1.0000, 0.1647, 0.1294
CMYK	1.00, 0.04, 0.00, 0.13
HSL	182°, 100%, 44%
HSV	182°, 100%, 87%
XYZ	36.9791, 52.8624, 77.3617
YIQ	150.3390, -129.8370, -42.3570

# Conversions

## Conversions Part 2

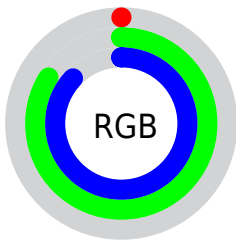
Format	Color
<a href="#">RYB</a>	<a href="#">0, 109, 222</a>
Decimal	<a href="#">54750</a>
CIELab	<a href="#">77.79, -39.27, -16.75</a>
CIELCh	<a href="#">78, 42.693, 203.102</a>
Yxy	<a href="#">52.8624, 0.2212, 0.3162</a>
Android (android.graphics.Color)	<a href="#">4278244830</a> ( <a href="#">0xFF00D5DE</a> )
YUV	<a href="#">150.3390, 35.3289, -131.8473</a>
Hunter-Lab	<a href="#">72.7066, -36.4501, -12.1916</a>

# Details

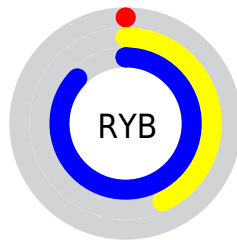
The Hex color **00D5DE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DE0900**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6EFFFF**, and **009EA7** is the 20% darker color. If you saturate the color by 10%, you get **00D5DE**, and if you desaturate by 10%, it is **16D6DE**.

# Distribution



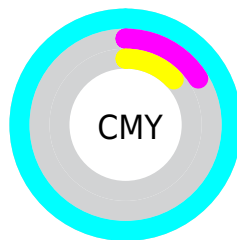
- Red (0%)
- Green (84%)
- Blue (87%)



- Red (0%)
- Yellow (43%)
- Blue (87%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00D5DE 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 00D5DE by changing the saturation by 10% instead.



 00D5DE

 00D5DE

FFFFFF

 00B9C2

 6EFFFF

 009EA7

 90FFFF

 00838D

 B1FFFF

 006973

 D1FFFF

 00505A

 F0FFFF

 003843

 00242D

 000119

 000000

 00D5DE

 16D6DE

 2CD7DE

 43D8DE

 59D9DE

 6FDADE

 85DADE

 9BDBDE

 B2DCDE

 C8DDDE

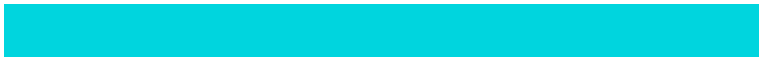
# Harmonies

## Analogous

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



57D5B5



00D5DE



21D0FF

# Triad

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



00D5DE



E9ABF0



E2BB71

# Complementary

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



00D5DE



DE0900

# 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.



FFAD82



00D5DE



FFA2CB

# Square

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



00D5DE



B7B9FF



FFA3A3



BBC776

# Rectangle

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



00D5DE



5CCBFF



FFA3A3

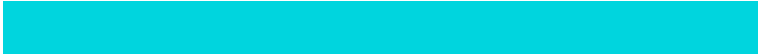


EDB675



# Sweetspot

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



00D5DE



B3FCFF



00DE07



527E80



000000



808080



# Same Dimension

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



00D5DE



00F5FF



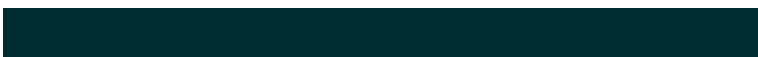
0068DE



657070



00A9B0



002E30



# Inverse Universe

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



DE00D5



FF00F5



DE7600



706570



B000A9

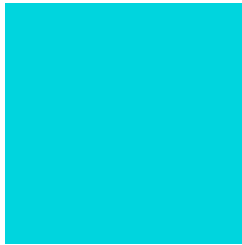


30002E



# Previews

## White Background



This preview shows how the Hex color 00D5DE looks on a white background.

## Color Contrast Check

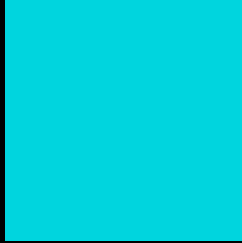
Large Text (above 18pt) WCAG AA × Fail

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 00D5DE 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

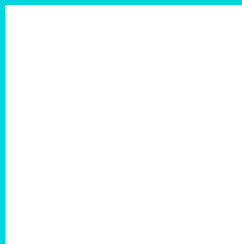
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00D5DE Background



This preview shows how black text looks on a background with the Hex color 00D5DE.

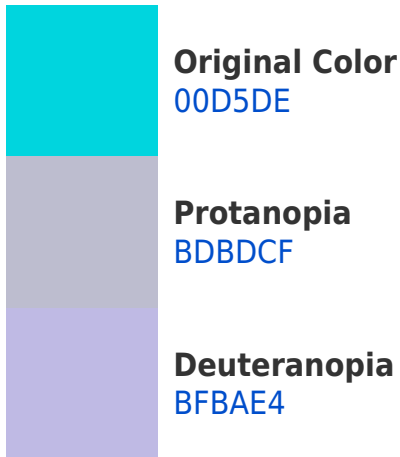


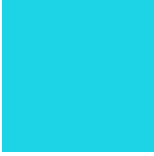
This preview shows how white text looks on a background with the Hex color 00D5DE.

# 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**  
1CD4E5

# Trichromacy



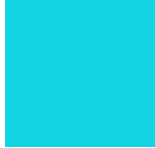
**Original Color**  
00D5DE



**Protanomaly**  
78C6D4



**Deuteranomaly**  
7AC4E2

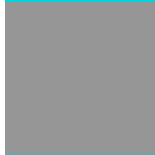


**Tritanomaly**  
12D4E2

# Monochromacy



**Original Color**  
00D5DE



**Achromatopsia**  
969696



**Achromatomaly**  
5FADB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00D5DE 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 #00D5DE looks like.

```
.text, #text, p{  
    color:#00D5DE  
}
```

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 #00D5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D5DE
}
```

## Border

The CSS property to change the border of an element to Hex 00D5DE 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
#00D5DE }
```

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

```
.border{ border-color:#00D5DE }
```

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

Here you see how a box with a 4 pixel #00D5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D5DE; -webkit-box-shadow:4px 4px  
4px 4px #00D5DE; box-shadow:4px 4px 4px  
4px #00D5DE }
```

# Background

The CSS property to change the background color of an element to Hex 00D5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D5DE }
```

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

```
.background{ background-color:#00D5DE }
```

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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