

# Converting Colors

Hex(00CCDE)

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

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# **Color**

**Hex(00CCDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CCDE
RGB	0, 204, 222
RGB Percent	0%, 80%, 87%
CMY	1.0000, 0.2000, 0.1294
CMYK	1.00, 0.08, 0.00, 0.13
HSL	185°, 100%, 44%
HSV	185°, 100%, 87%
XYZ	34.7777, 48.4597, 76.6279
YIQ	145.0560, -127.3620, -37.6500

# Conversions

## Conversions Part 2

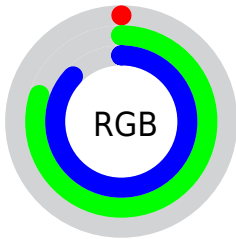
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 222
Decimal	52446
CIELab	75.11, -35.11, -20.81
CIELCh	75, 40.812, 210.650
Yxy	48.4597, 0.2175, 0.3031
Android (android.graphics.Color)	4278242526 (0xFF00CCDE)
YUV	145.0560, 37.9334, -127.2141
Hunter-Lab	69.6130, -32.6466, -16.5356

# Details

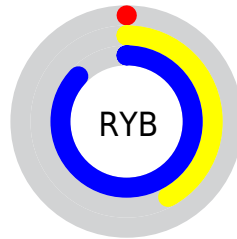
The Hex color **00CCDE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DE1200**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6DFFFF**, and **0095A7** is the 20% darker color. If you saturate the color by 10%, you get **00CCDE**, and if you desaturate by 10%, it is **16CEDE**.

# Distribution



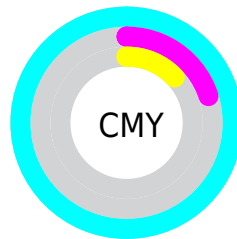
- Red (0%)
- Green (80%)
- Blue (87%)



- Red (0%)
- Yellow (42%)
- Blue (87%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 00CCDE

 00CCDE

FFFFFF

 00B0C2

 6DFFFF

 0095A7

 8FFFFFFF

 007B8C

 AFFFFFFF

 006273

 CFFFFFFF

 00495A

 EFFFFFFF

 003243

 001C2D

 000118

 000000

 00CCDE

 16CEDE

 2CD0DE

 43D1DE

 59D3DE

 6FD5DE

 85D7DE

 9BD9DE

 B2DADE

 C8DCDE

# Harmonies

## Analogous

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



47CDB9



00CCDE



3CC6FA

# Triad

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



00CCDE



E9A2DE



D1B76D

# Complementary

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



00CCDE



DE1200

# 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.



EFAA78



00CCDE



FF9CBA

# Square

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



00CCDE



BEAFFA



FF9F95



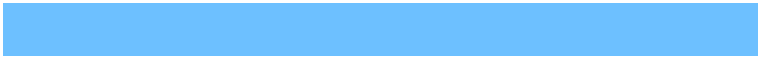
AAC277

# Rectangle

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



00CCDE



6DC0FF



FF9F95



DCB36F



# Sweetspot

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



00CCDE



B3F9FF



00DE0F



527C80



000000



808080



# Same Dimension

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



00CCDE



00EAFF



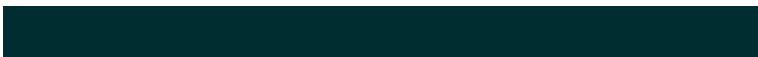
0060DE



656F70



00A2B0



002D30



# Inverse Universe

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



DE00CC



FF00EA



DE7E00



70656F



B000A2

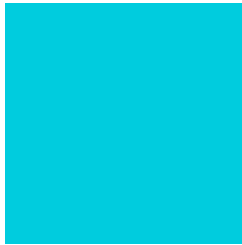


30002D



# Previews

## White Background



This preview shows how the Hex color 00CCDE 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 00CCDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

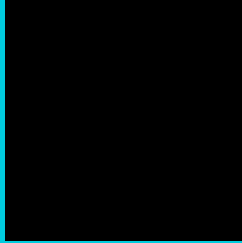
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00CCDE Background



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

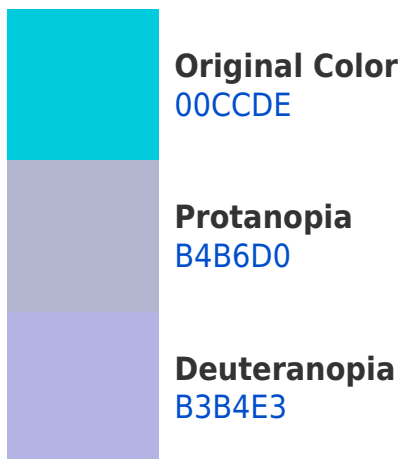


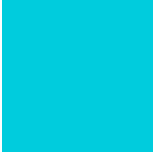
This preview shows how white text looks on a background with the Hex color 00CCDE.

# 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



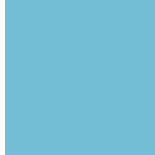


**Tritanopia**  
00CCDD

# Trichromacy



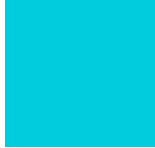
**Original Color**  
00CCDE



**Protanomaly**  
73BED5



**Deuteranomaly**  
72BDE1



**Tritanomaly**  
00CCDD

# Monochromacy



**Original Color**  
00CCDE



**Achromatopsia**  
919191



**Achromatomaly**  
5CA6AD

# CSS Examples

## Text

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

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

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 #00CCDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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