

# Converting Colors

Hex(3CC3DD)

Have a look what the booklet for  
Hex(3CC3DD) contains.

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# **Color**

**Hex(3CC3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC3DD
RGB	60, 195, 221
RGB Percent	24%, 76%, 87%
CMY	0.7647, 0.2353, 0.1333
CMYK	0.73, 0.12, 0.00, 0.13
HSL	190°, 70%, 55%
HSV	190°, 73%, 87%
XYZ	34.4297, 45.2113, 75.3186
YIQ	157.5990, -88.8060, -20.5340

# Conversions

## Conversions Part 2

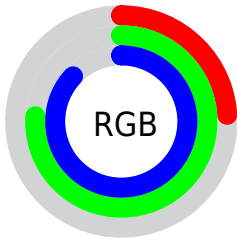
Format	Color
<a href="#">RYB</a>	<a href="#">60, 133, 221</a>
Decimal	<a href="#">3982301</a>
CIELab	<a href="#">73.03, -27.33, -23.38</a>
CIElCh	<a href="#">73, 35.963, 220.545</a>
Yxy	<a href="#">45.2113, 0.2222, 0.2918</a>
Android (android.graphics.Color)	<a href="#">4282172381 (0xFF3CC3DD)</a>
YUV	<a href="#">157.5990, 31.2567, -85.5943</a>
Hunter-Lab	<a href="#">67.2394, -26.2685, -19.3465</a>

# Details

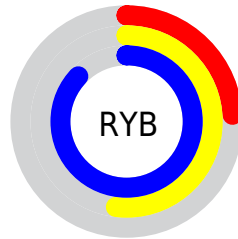
The Hex color **3CC3DD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **DD563C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **81FCFF**, and **008DA6** is the 20% darker color. If you saturate the color by 10%, you get **26BFDD**, and if you desaturate by 10%, it is **52C7DD**.

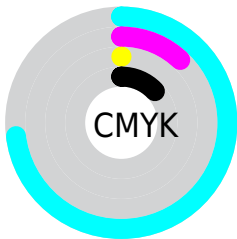
# Distribution



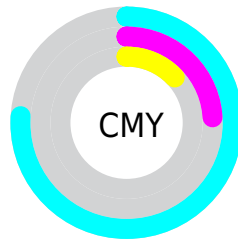
- Red (24%)
- Green (76%)
- Blue (87%)



- Red (24%)
- Yellow (52%)
- Blue (87%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC3DD 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 3CC3DD by changing the saturation by 10% instead.



3CC3DD

3CC3DD

FFFFFF

00A8C1

81FCFF

008DA6

A0FFFF

00738B

BFFFFFF

005A72

DEFFFF

004259

FDFFFF

002C42

00152C

000117

000000

■ 3CC3DD

■ 3CC3DD

■ 26BFDD

■ 52C7DD

■ 10BCDD

■ 68CADD

■ 00B9DD

■ 7ECEDD

■ 94D1DD

■ ABD5DD

■ C1D8DD

■ D7DCDD

■ EDE0DD

■ FFE3DD

# Harmonies

## Analogous

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



4AC5BE



3CC3DD



63BDF1

# Triad

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



3CC3DD



E69DCA



BEB572

# Complementary

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



3CC3DD



DD563C

# 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.



DCAA76



3CC3DD



F49AA9

# Square

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



3CC3DD



C6A7E5



EF9F8A



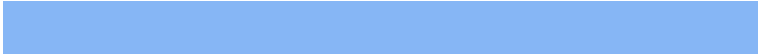
9ABE80

# Rectangle

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



3CC3DD



86B6F5



EF9F8A



C9B171

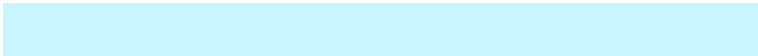


# Sweetspot

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



3CC3DD



C7F6FF



3CDD54



5E7A80



000000



808080



# Same Dimension

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



3CC3DD



21DBFF



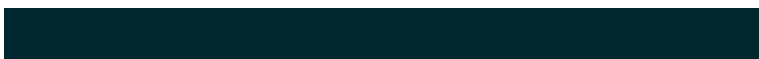
3C74DD



636C6E



0091AD



00262E



# Inverse Universe

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



DD3CC3



FF21DB



DDA53C



6E636C



AD0091

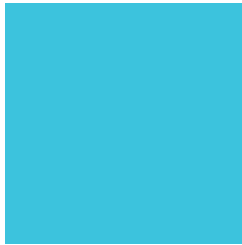


2E0026



# Previews

## White Background



This preview shows how the Hex color 3CC3DD looks on a white background.

## Color Contrast Check

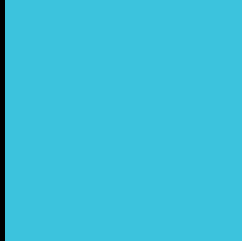
Large Text (above 18pt) WCAG AA × Fail

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 3CC3DD 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 3CC3DD Background



This preview shows how black text looks on a background with the Hex color 3CC3DD.

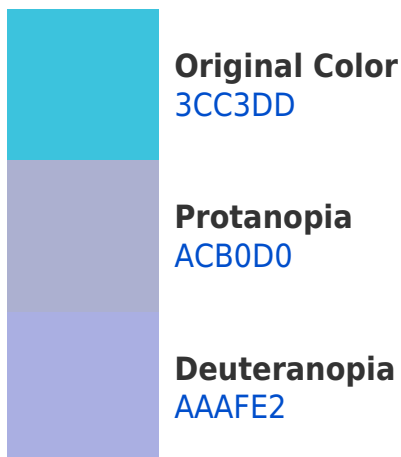


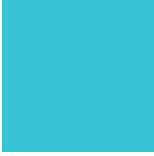
This preview shows how white text looks on a background with the Hex color 3CC3DD.

# 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](#).

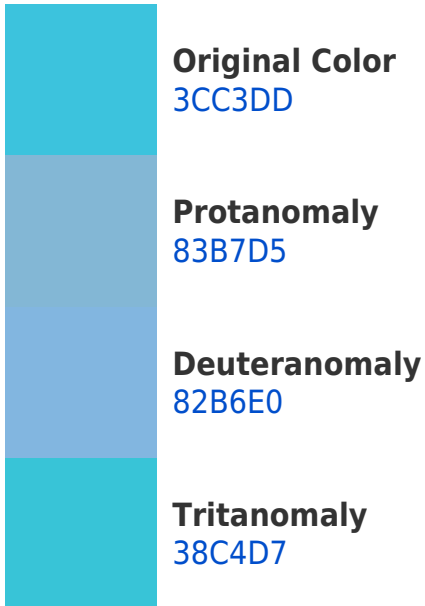
## Dichromacy



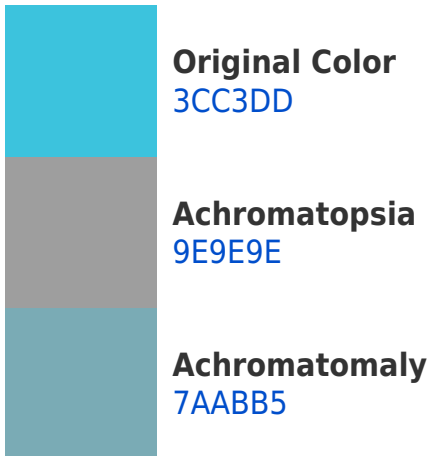


**Tritanopia**  
36C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC3DD 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 #3CC3DD looks like.

```
.text, #text, p{  
    color:#3CC3DD  
}
```

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 #3CC3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC3DD
}
```

## Border

The CSS property to change the border of an element to Hex 3CC3DD 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
#3CC3DD }
```

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

```
.border{ border-color:#3CC3DD }
```

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

Here you see how a box with a 4 pixel #3CC3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC3DD; -webkit-box-shadow:4px 4px  
4px 4px #3CC3DD; box-shadow:4px 4px 4px  
4px #3CC3DD }
```

# Background

The CSS property to change the background color of an element to Hex 3CC3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC3DD }
```

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

```
.background{ background-color:#3CC3DD }
```

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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