

Converting Colors

Hex(3CC5DD)

Have a look what the booklet for
Hex(3CC5DD) contains.

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Color

Hex(3CC5DD)

Conversions

Conversions Part 1

Format	Color
Hex	3CC5DD
RGB	60, 197, 221
RGB Percent	24%, 77%, 87%
CMY	0.7647, 0.2275, 0.1333
CMYK	0.73, 0.11, 0.00, 0.13
HSL	189°, 70%, 55%
HSV	189°, 73%, 87%
XYZ	34.8809, 46.1136, 75.4690
YIQ	158.7730, -89.3560, -21.5800

Conversions

Conversions Part 2

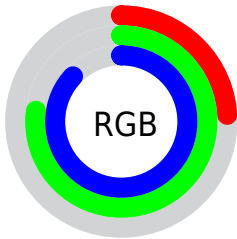
Format	Color
RYB	60, 134, 221
Decimal	3982813
CIELab	73.62, -28.31, -22.48
CIElCh	74, 36.154, 218.449
Yxy	46.1136, 0.2229, 0.2947
Android (android.graphics.Color)	4282172893 (0xFF3CC5DD)
YUV	158.7730, 30.6779, -86.6239
Hunter-Lab	67.9070, -27.1496, -18.3575

Details

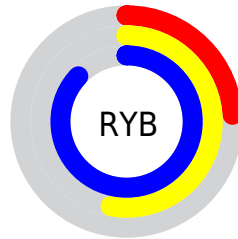
The Hex color **3CC5DD** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD543C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **81FEFF**, and **008FA6** is the 20% darker color. If you saturate the color by 10%, you get **26C2DD**, and if you desaturate by 10%, it is **52C8DD**.

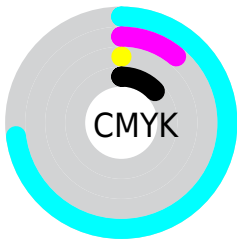
Distribution



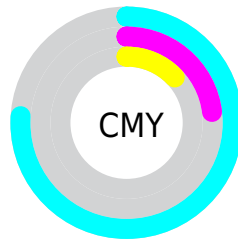
- Red (24%)
- Green (77%)
- Blue (87%)



- Red (24%)
- Yellow (53%)
- Blue (87%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC5DD 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 3CC5DD by changing the saturation by 10% instead.

3CC5DD

3CC5DD

FFFFFF

00AAC1

81FEFF

008FA6

A0FFFF

00758B

BFFFFFF

005C72

DEFFFF

004459

FDFFFF

002D42

00172C

000117

000000

■ 3CC5DD

■ 3CC5DD

■ 26C2DD

■ 52C8DD

■ 10BEDD

■ 68CCDD

■ 00BCDD

■ 7ECFDD

■ 94D2DD

■ ABD5DD

■ C1D9DD

■ D7DCDD

■ EDDFDD

■ FFE3DD

Harmonies

Analogous

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



4EC7BD



3CC5DD



60BFF2

Triad

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



3CC5DD



E69FCE



C2B673

Complementary

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



3CC5DD



DD543C

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.



E0AB78



3CC5DD



F69BAD

Square

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



3CC5DD



C5A9E9



F2A08D



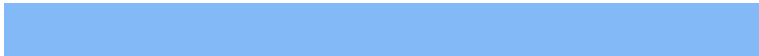
9EBF80

Rectangle

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



3CC5DD



84B9F7



F2A08D



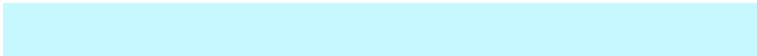
CDB272

Sweetspot

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



3CC5DD



C7F7FF



3CDD51



5E7B80



000000



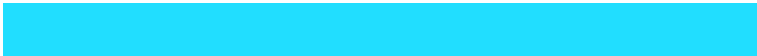
808080

Same Dimension

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



3CC5DD



21DEFF



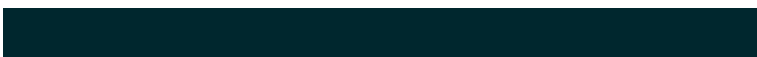
3C77DD



636C6E



0094AD



00272E

Inverse Universe

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



DD3CC5



FF21DE



DDA23C



6E636C



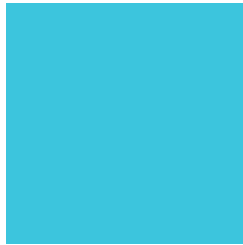
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 3CC5DD looks on a white background.

Color Contrast Check

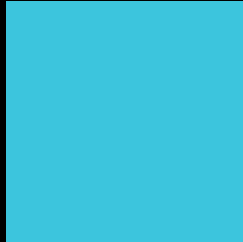
Large Text (above 18pt) WCAG AA × Fail

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 3CC5DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

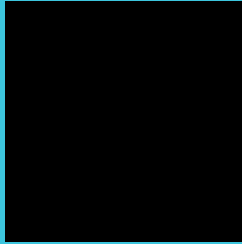
Any Text WCAG AA ✓ Pass

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 3CC5DD Background



This preview shows how black text looks on a background with the Hex color 3CC5DD.

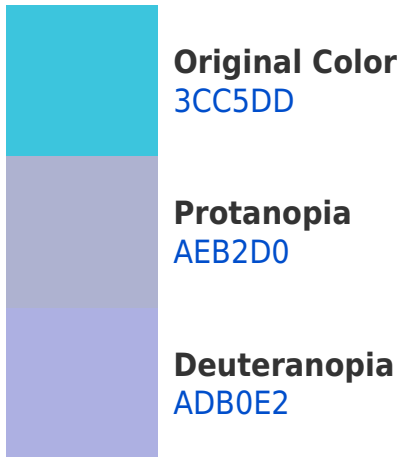


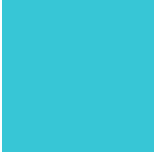
This preview shows how white text looks on a background with the Hex color 3CC5DD.

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
37C6D6

Trichromacy



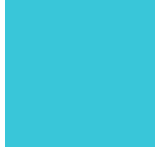
Original Color
3CC5DD



Protanomaly
85B9D5



Deuteranomaly
84B8E0



Tritanomaly
39C6D9

Monochromacy



Original Color
3CC5DD



Achromatopsia
9F9F9F



Achromatomaly
7BADB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC5DD 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 #3CC5DD looks like.

```
.text, #text, p{  
    color:#3CC5DD  
}
```

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 #3CC5DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC5DD
}
```

Border

The CSS property to change the border of an element to Hex 3CC5DD 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
#3CC5DD }
```

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

```
.border{ border-color:#3CC5DD }
```

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

Here you see how a box with a 4 pixel #3CC5DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC5DD; -webkit-box-shadow:4px 4px  
4px 4px #3CC5DD; box-shadow:4px 4px 4px  
4px #3CC5DD }
```

Background

The CSS property to change the background color of an element to Hex 3CC5DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC5DD }
```

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

```
.background{ background-color:#3CC5DD }
```

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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