

Converting Colors

Hex(3FC3DD)

Have a look what the booklet for
Hex(3FC3DD) contains.

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Color

Hex(3FC3DD)

Conversions

Conversions Part 1

Format	Color
Hex	3FC3DD
RGB	63, 195, 221
RGB Percent	25%, 76%, 87%
CMY	0.7529, 0.2353, 0.1333
CMYK	0.71, 0.12, 0.00, 0.13
HSL	190°, 70%, 56%
HSV	190°, 71%, 87%
XYZ	34.6162, 45.3074, 75.3274
YIQ	158.4960, -87.0180, -19.8980

Conversions

Conversions Part 2

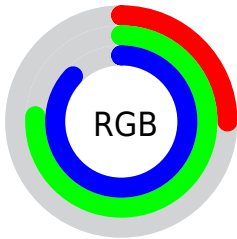
Format	Color
RYB	63, 135, 221
Decimal	4178909
CIELab	73.09, -26.96, -23.28
CIELCh	73, 35.616, 220.808
Yxy	45.3074, 0.2230, 0.2918
Android (android.graphics.Color)	4282368989 (0xFF3FC3DD)
YUV	158.4960, 30.8145, -83.7500
Hunter-Lab	67.3108, -25.9961, -19.2337

Details

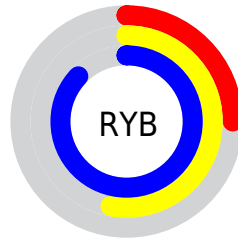
The Hex color **3FC3DD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **DD593F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **83FCFF**, and **008DA6** is the 20% darker color. If you saturate the color by 10%, you get **29BFDD**, and if you desaturate by 10%, it is **55C7DD**.

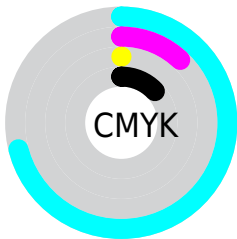
Distribution



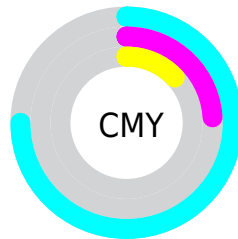
- Red (25%)
- Green (76%)
- Blue (87%)



- Red (25%)
- Yellow (53%)
- Blue (87%)



- Cyan (71%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FC3DD 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 3FC3DD by changing the saturation by 10% instead.

3FC3DD

3FC3DD

FFFFFF

00A8C1

83FCFF

008DA6

A2FFFF

00738B

C1FFFF

005A72

DFFFFFF

004259

FEFFFF

002C42

00152C

000117

000000

 3FC3DD

 3FC3DD

 29BFDD

 55C7DD

 13BCDD

 6BCADD

 00B9DD

 81CEDD

 97D2DD

 AED5DD

 C4D9DD

 DADCDD

 F0E0DD

 FFE4DD

Harmonies

Analogous

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



4CC5BF



3FC3DD



65BDF0

Triad

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



3FC3DD



E69DCA



BEB573

Complementary

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



3FC3DD



DD593F

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



3FC3DD



F49BA9

Square

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



3FC3DD



C7A7E5



EFA08A



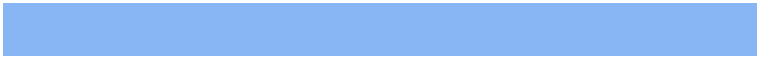
9ABE81

Rectangle

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



3FC3DD



88B6F4



EFA08A



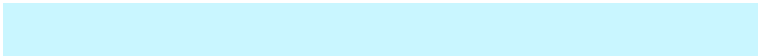
C9B272

Sweetspot

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



3FC3DD



C9F6FF



3FDD57



607A80



000000



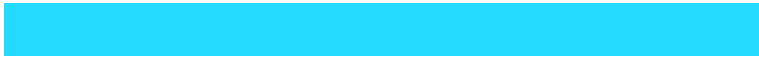
808080

Same Dimension

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



3FC3DD



24DBFF



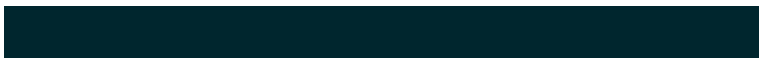
3F76DD



636C6E



0091AD



00262E

Inverse Universe

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



DD3FC3



FF24DB



DDA63F



6E636C



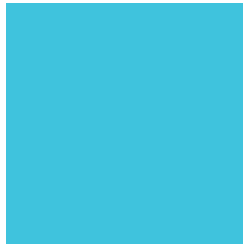
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 3FC3DD looks on a white background.

Color Contrast Check

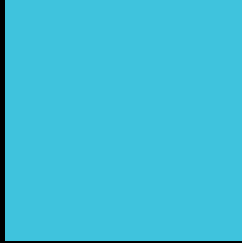
Large Text (above 18pt) WCAG AA × Fail

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 3FC3DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

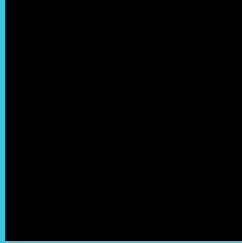
Any Text WCAG AA ✓ Pass

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 3FC3DD Background



This preview shows how black text looks on a background with the Hex color 3FC3DD.

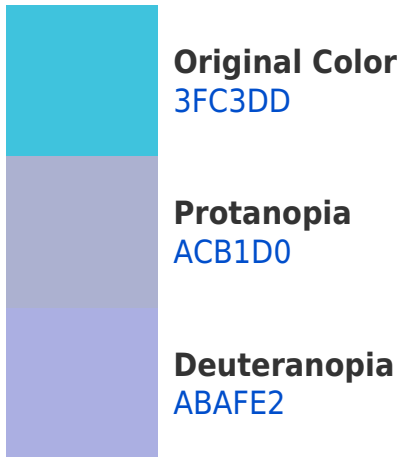


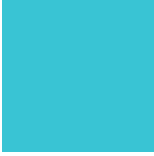
This preview shows how white text looks on a background with the Hex color 3FC3DD.

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](#).

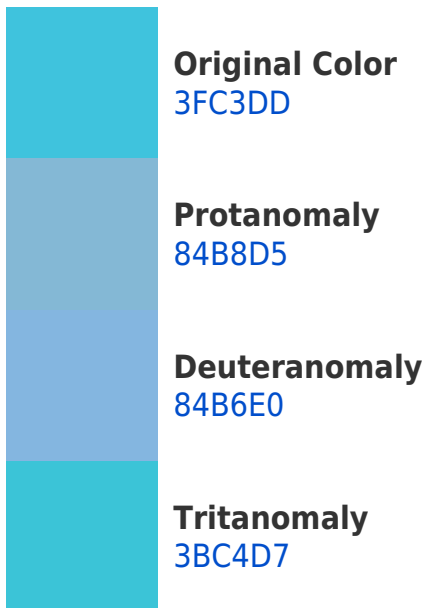
Dichromacy



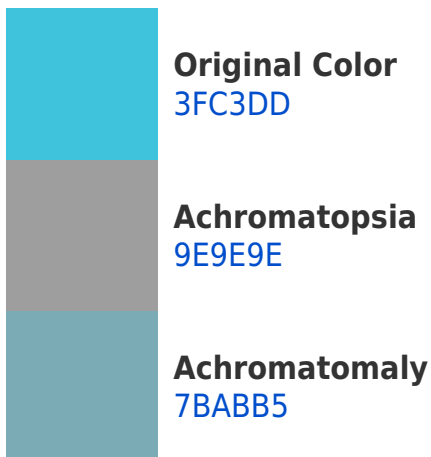


Tritanopia
39C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC3DD 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 #3FC3DD looks like.

```
.text, #text, p{  
    color:#3FC3DD  
}
```

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 #3FC3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC3DD
}
```

Border

The CSS property to change the border of an element to Hex 3FC3DD 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
#3FC3DD }
```

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

```
.border{ border-color:#3FC3DD }
```

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

Here you see how a box with a 4 pixel #3FC3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC3DD; -webkit-box-shadow:4px 4px  
4px 4px #3FC3DD; box-shadow:4px 4px 4px  
4px #3FC3DD }
```

Background

The CSS property to change the background color of an element to Hex 3FC3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC3DD }
```

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

```
.background{ background-color:#3FC3DD }
```

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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