

Converting Colors

Hex(3DC7DF)

Have a look what the booklet for
Hex(3DC7DF) contains.

Hex(3DC7DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3DC7DF)

Conversions

Conversions Part 1

Format	Color
Hex	3DC7DF
RGB	61, 199, 223
RGB Percent	24%, 78%, 87%
CMY	0.7608, 0.2196, 0.1255
CMYK	0.73, 0.11, 0.00, 0.13
HSL	189°, 72%, 56%
HSV	189°, 73%, 87%
XYZ	35.6672, 47.1667, 77.0363
YIQ	160.4740, -89.9520, -21.7920

Conversions

Conversions Part 2

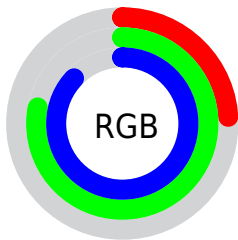
Format	Color
RYB	61, 136, 223
Decimal	4048863
CIELab	74.30, -28.56, -22.53
CIELCh	74, 36.380, 218.267
Yxy	47.1667, 0.2231, 0.2950
Android (android.graphics.Color)	4282238943 (0xFF3DC7DF)
YUV	160.4740, 30.8253, -87.2387
Hunter-Lab	68.6780, -27.4844, -18.4311

Details

The Hex color **3DC7DF** 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 **DF553D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **82FFFF**, and **0091A8** is the 20% darker color. If you saturate the color by 10%, you get **27C4DF**, and if you desaturate by 10%, it is **53CADF**.

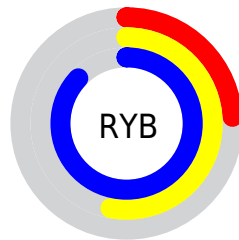
Distribution



Red (24%)

Green (78%)

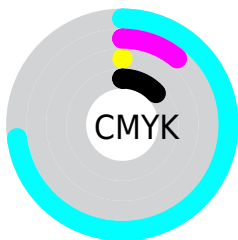
Blue (87%)



Red (24%)

Yellow (53%)

Blue (87%)

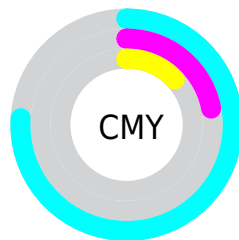


Cyan (73%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (76%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC7DF 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 3DC7DF by changing the saturation by 10% instead.

 3DC7DF

 3DC7DF

FFFFFF

 00ABC3

 82FFFF

 0091A8

 A1FFFF

 00778D

 C0FFFF

 005E74

 DFFFFF

 00465B

FEFFFF

 002F43

 00192D

 000118

 000000

 3DC7DF

 3DC7DF

 27C4DF

 53CADF

 10C0DF

 6ACEDF

 00BEDF

 80D1DF

 96D4DF

 ACD8DF

 C3DBDF

 D9DEDF

 EFE1DF

 FFE5DF

Harmonies

Analogous

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



4FC9BF



3DC7DF



61C1F4

Triad

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



3DC7DF



E9A1D0



C4B874

Complementary

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



3DC7DF



DF553D

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.



E2AC79



3DC7DF



F89DAF

Square

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



3DC7DF



C7ABEB



F5A28F



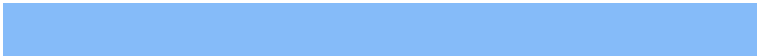
A0C181

Rectangle

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



3DC7DF



85BBF9



F5A28F



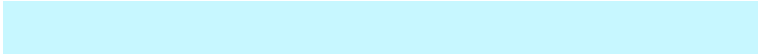
CFB474

Sweetspot

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



3DC7DF



C7F7FF



3DDF53



5E7B80



000000



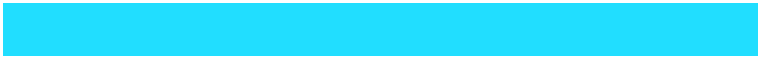
808080

Same Dimension

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



3DC7DF



21DEFF



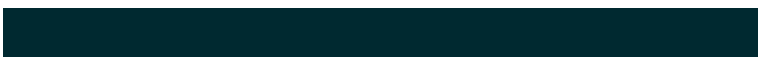
3D78DF



656F70



0096B0



002930

Inverse Universe

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



DF3DC7



FF21DE



DFA43D



70656F



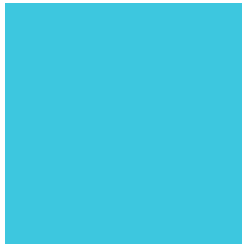
B00096



300029

Previews

White Background



This preview shows how the Hex color 3DC7DF looks on a white background.

Color Contrast Check

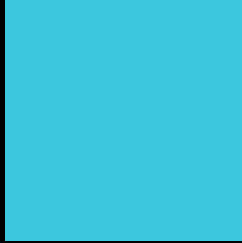
Large Text (above 18pt) WCAG AA × Fail

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 3DC7DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

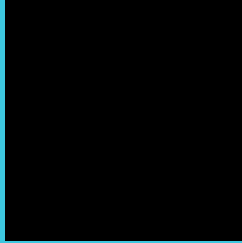
Any Text WCAG AA ✓ Pass

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 3DC7DF Background



This preview shows how black text looks on a background with the Hex color 3DC7DF.

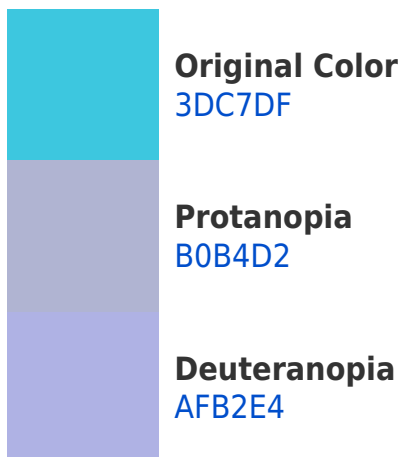


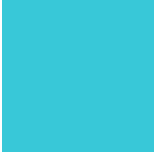
This preview shows how white text looks on a background with the Hex color 3DC7DF.

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](#).

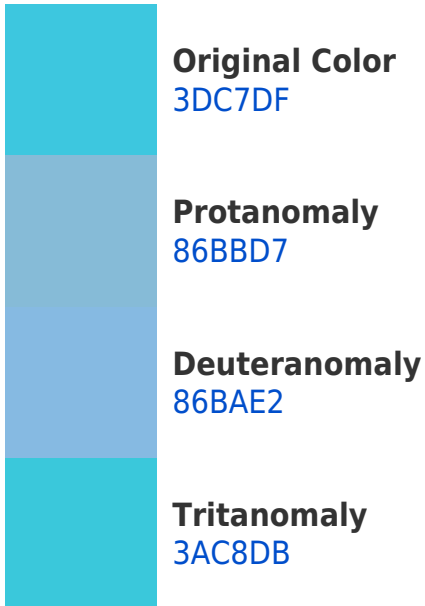
Dichromacy



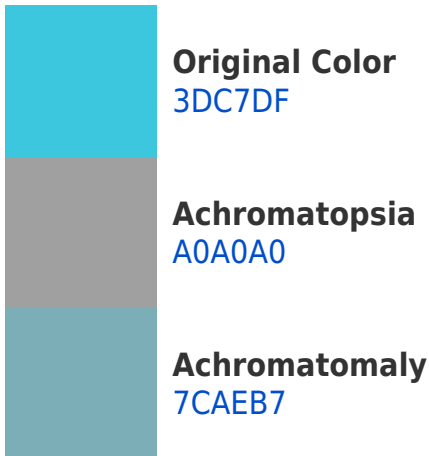


Tritanopia
38C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC7DF 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 #3DC7DF looks like.

```
.text, #text, p{  
    color:#3DC7DF  
}
```

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 #3DC7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC7DF
}
```

Border

The CSS property to change the border of an element to Hex 3DC7DF 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
#3DC7DF }
```

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

```
.border{ border-color:#3DC7DF }
```

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

Here you see how a box with a 4 pixel #3DC7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC7DF; -webkit-box-shadow:4px 4px  
4px 4px #3DC7DF; box-shadow:4px 4px 4px  
4px #3DC7DF }
```

Background

The CSS property to change the background color of an element to Hex 3DC7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC7DF }
```

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

```
.background{ background-color:#3DC7DF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor