

Converting Colors

Hex(3DCFCC)

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

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Color

Hex(3DCFCC)

Conversions

Conversions Part 1

Format	Color
Hex	3DCFCC
RGB	61, 207, 204
RGB Percent	24%, 81%, 80%
CMY	0.7608, 0.1882, 0.2000
CMYK	0.71, 0.00, 0.01, 0.19
HSL	179°, 60%, 53%
HSV	179°, 71%, 81%
XYZ	35.1364, 49.9774, 64.9215
YIQ	163.0040, -86.0530, -31.8850

Conversions

Conversions Part 2

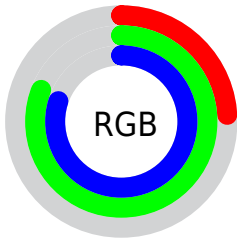
Format	Color
RYB	61, 135, 207
Decimal	4050892
CIELab	76.06, -37.94, -9.62
CIELCh	76, 39.143, 194.224
Yxy	49.9774, 0.2342, 0.3331
Android (android.graphics.Color)	4282240972 (0xFF3DCFCC)
YUV	163.0040, 20.2110, -89.4575
Hunter-Lab	70.6947, -34.9984, -4.9619

Details

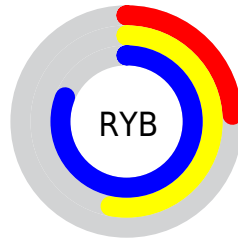
The Hex color **3DCFCC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF3D40**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **81FFFF**, and **009896** is the 20% darker color. If you saturate the color by 10%, you get **28CFCC**, and if you desaturate by 10%, it is **52CFCC**.

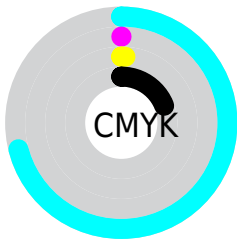
Distribution



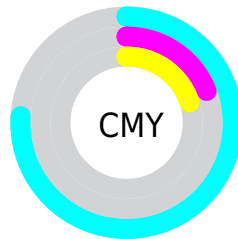
- Red (24%)
- Green (81%)
- Blue (80%)



- Red (24%)
- Yellow (53%)
- Blue (81%)



- Cyan (71%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (76%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 3DCFCC

 3DCFCC

FFFFFF

 00B3B1

 81FFFF

 009896

 A0FFFF

 007E7C

 BFFFFFF

 006463


 DDDFFF

 004B4B

 FCFFFF

 003435

 001E20

 000007

 000000

 3DCFCC

 3DCFCC

 28CFCC

 52CFCC

 14CFCB

 66CFCD

 00CFCB

 7BCFCD

 90CFCE

 A5CFCE

 B9CFCF

 CECFCF

 E3CFCF

 F7CFD0

Harmonies

Analogous

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



6DCEA7



3DCFCC



31CCED

Triad

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



3DCFCC



D6ACF0



E4B376

Complementary

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



3DCFCC



CF3D40

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.



FBA78B



3DCFCC



F6A2D0

Square

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



3DCFCC



A4B9FF



FFA0AB



C2BF74

Rectangle

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



3DCFCC



53C8FC



FFA0AB



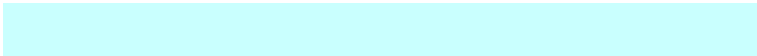
EDAF7B

Sweetspot

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



3DCFCC



C9FFFE



42CF3D



60807F



000000



808080

Same Dimension

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



3DCFCC



26FFFB



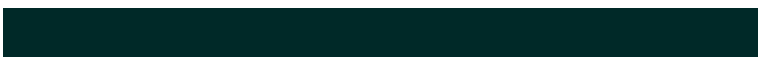
3D8BCF



5E6968



00A8A5



002928

Inverse Universe

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



CF3D40



FF262B



CF813D



695E5E



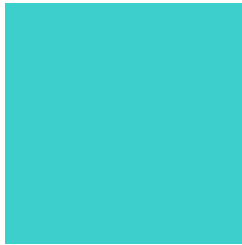
A80003



290001

Previews

White Background



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

Color Contrast Check

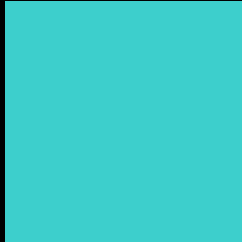
Large Text (above 18pt) WCAG AA × Fail

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 3DCFCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

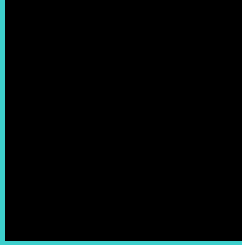
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

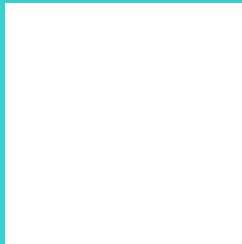
Any Text WCAG AAA ✓ Pass

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

Hex 3DCFCC Background



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

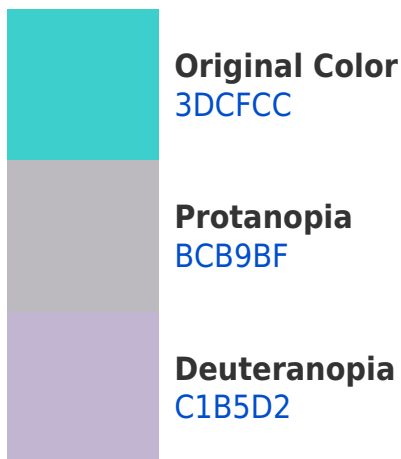


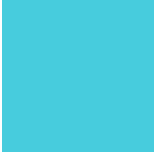
This preview shows how white text looks on a background with the Hex color 3DCFCC.

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





Trichromacy



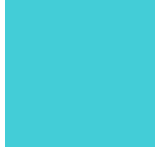
Original Color
3DCFCC



Protanomaly
8EC1C4



Deuteranomaly
91BED0



Tritanomaly
43CDD7

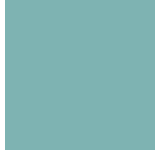
Monochromacy



Original Color
3DCFCC



Achromatopsia
A3A3A3



Achromatomaly
7EB3B2

CSS Examples

Text

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

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

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 #3DCFCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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