

Converting Colors

Hex(3CFCC0)

Have a look what the booklet for
Hex(3CFCC0) contains.

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Color

Hex(3CFCC0)

Conversions

Conversions Part 1

Format	Color
Hex	3CFCC0
RGB	60, 252, 192
RGB Percent	24%, 99%, 75%
CMY	0.7647, 0.0118, 0.2471
CMYK	0.76, 0.00, 0.24, 0.01
HSL	161°, 97%, 61%
HSV	161°, 76%, 99%
XYZ	46.1883, 74.3872, 61.7930
YIQ	187.7520, -95.1720, -59.3640

Conversions

Conversions Part 2

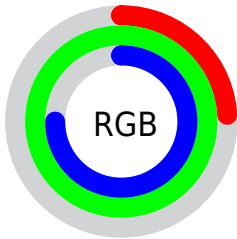
Format	Color
RYB	60, 174, 252
Decimal	3996864
CIELab	89.11, -59.94, 15.63
CIELCh	89, 61.946, 165.385
Yxy	74.3872, 0.2533, 0.4079
Android (android.graphics.Color)	4282186944 (0xFF3CFCC0)
YUV	187.7520, 2.0943, -112.0385
Hunter-Lab	86.2480, -55.3422, 17.8949

Details

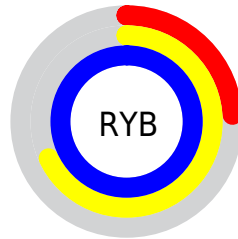
The Hex color **3CFCC0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FC3C78**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **87FFF8**, and **00C28A** is the 20% darker color. If you saturate the color by 10%, you get **23FCB8**, and if you desaturate by 10%, it is **55FCC8**.

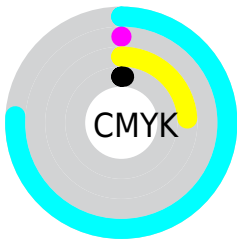
Distribution



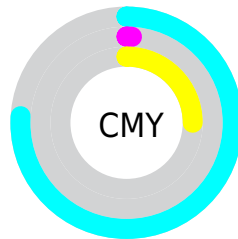
- Red (24%)
- Green (99%)
- Blue (75%)



- Red (24%)
- Yellow (68%)
- Blue (99%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (76%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CFCC0 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 3CFCC0 by changing the saturation by 10% instead.

 3CFCC0

 3CFCC0

FFFFFF

 00DFA5

 87FFF8

 00C28A

 A7FFF8

 00A671

 C7FFF8

 008B58

 E7FFF8

 007041

 00562A

 003D15

 002600

 000000

 3CFCC0

 3CFCC0

 23FCB8

 55FCC8

 0AFCB0

 6EFC00

 00FCAD

 88FCD8

 A1FCE0

 BAFCE7

 D3FCEF

 ECFCE7

 FFFCFF

Harmonies

Analogous

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



A3F48A



3CFCC0



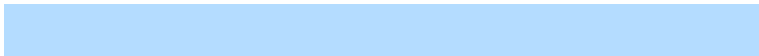
00FEFD

Triad

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



3CFCC0



B4DCFF



FFBD8E

Complementary

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



3CFCC0



FC3C78

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.



FFAFC4



3CFCC0



FFC4FF

Square

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



3CFCC0



00EEFF



FFB2FF



FFD26B

Rectangle

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



3CFCC0



00FCFF



FFB2FF



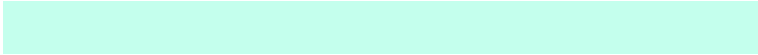
FFB79E

Sweetspot

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



3CFCC0



C4FFED



79FC3C



5C8074



000000



808080

Same Dimension

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



3CFCC0



17FFB6



3CD9FC



707D79



00BD82



003D2A

Inverse Universe

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



FC3C78



FF175F



FC5F3C



7D7074



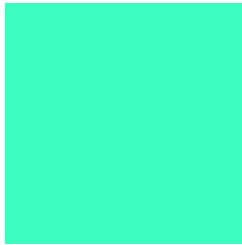
BD003B



3D0013

Previews

White Background



This preview shows how the Hex color 3CFCC0 looks on a white background.

Color Contrast Check

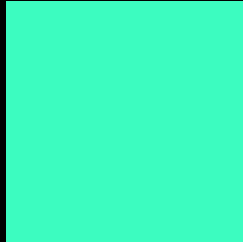
Large Text (above 18pt) WCAG AA × Fail

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 3CFCC0 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 3CFCC0 Background



This preview shows how black text looks on a background with the Hex color 3CFCC0.

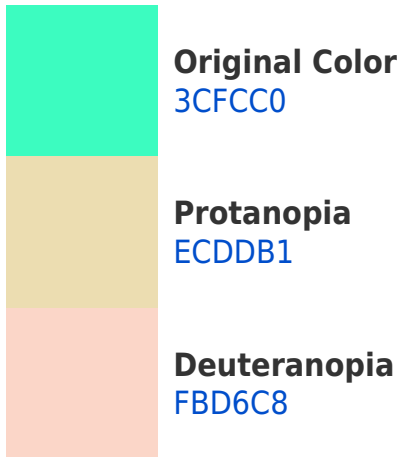


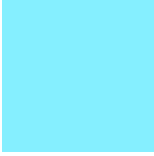
This preview shows how white text looks on a background with the Hex color 3CFCC0.

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



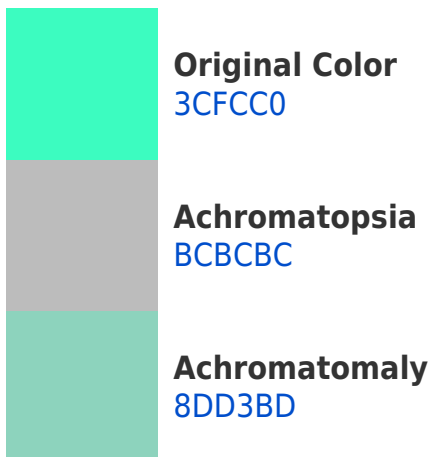


Tritanopia
85EFFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CFCC0 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 #3CFCC0 looks like.

```
.text, #text, p{  
    color:#3CFCC0  
}
```

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 #3CFCC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CFCC0
}
```

Border

The CSS property to change the border of an element to Hex 3CFCC0 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
#3CFCC0 }
```

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

```
.border{ border-color:#3CFCC0 }
```

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

Here you see how a box with a 4 pixel #3CFCC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CFCC0; -webkit-box-shadow:4px 4px  
4px 4px #3CFCC0; box-shadow:4px 4px 4px  
4px #3CFCC0 }
```

Background

The CSS property to change the background color of an element to Hex 3CFCC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CFCC0 }
```

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

```
.background{ background-color:#3CFCC0 }
```

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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