

Converting Colors

Hex(3CF0D7)

Have a look what the booklet for
Hex(3CF0D7) contains.

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Color

Hex(3CF0D7)

Conversions

Conversions Part 1

Format	Color
Hex	3CF0D7
RGB	60, 240, 215
RGB Percent	24%, 94%, 84%
CMY	0.7647, 0.0588, 0.1569
CMYK	0.75, 0.00, 0.10, 0.06
HSL	172°, 86%, 59%
HSV	172°, 75%, 94%
XYZ	45.2893, 68.1871, 75.0644
YIQ	183.3300, -99.2550, -45.9350

Conversions

Conversions Part 2

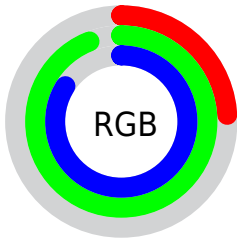
Format	Color
RYB	60, 157, 240
Decimal	3993815
CIELab	86.10, -49.55, -0.65
CIELCh	86, 49.559, 180.747
Yxy	68.1871, 0.2402, 0.3617
Android (android.graphics.Color)	4282183895 (0xFF3CF0D7)
YUV	183.3300, 15.6133, -108.1604
Hunter-Lab	82.5755, -46.6071, 3.9059

Details

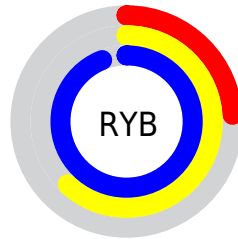
The Hex color **3CF0D7** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F03C55**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **86FFFF**, and **00B7A0** is the 20% darker color. If you saturate the color by 10%, you get **24F0D4**, and if you desaturate by 10%, it is **54F0DA**.

Distribution



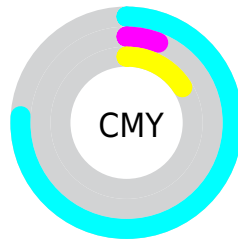
- Red (24%)
- Green (94%)
- Blue (84%)



- Red (24%)
- Yellow (62%)
- Blue (94%)



- Cyan (75%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (76%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CF0D7 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 3CF0D7 by changing the saturation by 10% instead.

 3CF0D7

 3CF0D7

FFFFFF

 00D3BB

 86FFFF

 00B7A0

 A6FFFF

 009C86

 C6FFFF

 00816D

 E5FFFF

 006755

 004D3E

 003528

 001E14

 000000

 3CF0D7

 3CF0D7

 24F0D4

 54F0DA

 0CF0D0

 6CF0DE

 00F0CF

 84F0E1

 9CF0E4

 B4F0E8

 CCF0EB

 E4F0EE

 FCF0F2

 FFF0F5

Harmonies

Analogous

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



8AECA8



3CF0D7



00EFFF

Triad

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



3CF0D7



DECBFF



FFC486

Complementary

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



3CF0D7



F03C55

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.



FFB6AA



3CF0D7



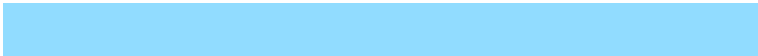
FFBAFF

Square

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



3CF0D7



91DCFF



FFB2D8



F4D578

Rectangle

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



3CF0D7



00EBFF



FFB2D8



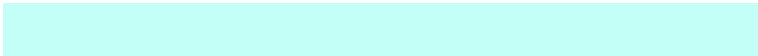
FFBF90

Sweetspot

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



3CF0D7



C4FFF7



57F03C



5C807B



000000



808080

Same Dimension

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



3CF0D7



19FFDF



3CB1F0



6C7876



00B89E



003830

Inverse Universe

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



F03C55



FF1939



F07B3C



786C6E



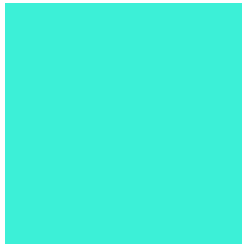
B8001A



380008

Previews

White Background



This preview shows how the Hex color 3CF0D7 looks on a white background.

Color Contrast Check

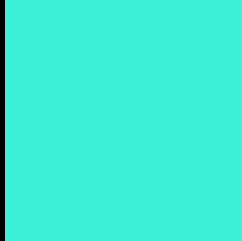
Large Text (above 18pt) WCAG AA × Fail

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 3CF0D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

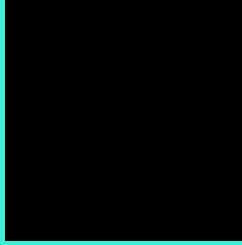
Any Text WCAG AA ✓ Pass

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 3CF0D7 Background



This preview shows how black text looks on a background with the Hex color 3CF0D7.

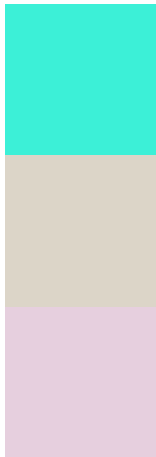


This preview shows how white text looks on a background with the Hex color 3CF0D7.

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](#).

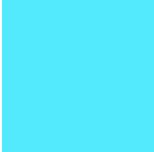
Dichromacy



Original Color
3CF0D7

Protanopia
DCD5C8

Deuteranopia
E6CFDE



Tritanopia
53EAFD

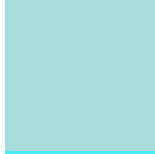
Trichromacy



Original Color
3CF0D7



Protanomaly
A2DFCD



Deuteranomaly
A8DBDB

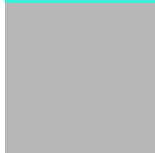


Tritanomaly
4BECEF

Monochromacy



Original Color
3CF0D7



Achromatopsia
B7B7B7



Achromatomaly
8ACCC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CF0D7 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 #3CF0D7 looks like.

```
.text, #text, p{  
    color:#3CF0D7  
}
```

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 #3CF0D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CF0D7
}
```

Border

The CSS property to change the border of an element to Hex 3CF0D7 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
#3CF0D7 }
```

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

```
.border{ border-color:#3CF0D7 }
```

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

Here you see how a box with a 4 pixel #3CF0D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CF0D7; -webkit-box-shadow:4px 4px  
4px 4px #3CF0D7; box-shadow:4px 4px 4px  
4px #3CF0D7 }
```

Background

The CSS property to change the background color of an element to Hex 3CF0D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CF0D7 }
```

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

```
.background{ background-color:#3CF0D7 }
```

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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