

# Converting Colors

Hex(3CFFD6)

Have a look what the booklet for  
Hex(3CFFD6) contains.

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# Color

Hex(3CFFD6)

# Conversions

## Conversions Part 1

Format	Color
Hex	3CFFD6
RGB	60, 255, 214
RGB Percent	24%, 100%, 84%
CMY	0.7647, 0.0000, 0.1608
CMYK	0.76, 0.00, 0.16, 0.00
HSL	167°, 100%, 62%
HSV	167°, 76%, 100%
XYZ	49.7611, 77.3357, 75.9229
YIQ	192.0210, -103.0590, -54.0910

# Conversions

## Conversions Part 2

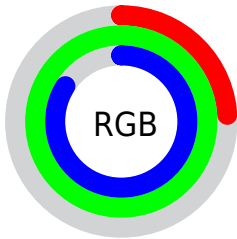
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 169, 255
Decimal	3997654
CIELab	90.48, -55.96, 6.23
CIELCh	90, 56.310, 173.650
Yxy	77.3357, 0.2451, 0.3809
Android (android.graphics.Color)	4282187734 (0xFF3CFFD6)
YUV	192.0210, 10.8356, -115.7824
Hunter-Lab	87.9407, -52.8924, 10.3709

# Details

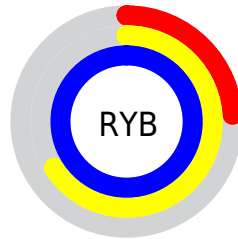
The Hex color **3CFFD6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF3C65**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **88FFFF**, and **00C59F** is the 20% darker color. If you saturate the color by 10%, you get **22FFD1**, and if you desaturate by 10%, it is **56FFDB**.

# Distribution



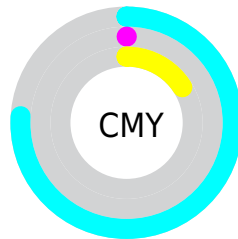
- Red (24%)
- Green (100%)
- Blue (84%)



- Red (24%)
- Yellow (66%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CFFD6 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 3CFFD6 by changing the saturation by 10% instead.



 3CFFD6

 3CFFD6

FFFFFF

 00E2BA

 88FFFF

 00C59F

 A9FFFF

 00A985

 C9FFFF

 008E6C

 E9FFFF

 007354

 00593D

 004027

 002913

 000300

 3CFFD6

 3CFFD6

 22FFD1

 56FFDB

 09FFCB

 6FFFE1

 00FFC9

 89FFE6

 A2FFEB

 BCFFF1

 D5FFF6

 EFFFFC

FFFFFF

# Harmonies

## Analogous

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



9AF9A2



3CFFD6



00FFFF

# Triad

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



3CFFD6



D7DAFF



FFC98F

# Complementary

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



3CFFD6



FF3C65

# 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.



FFBABB



3CFFD6



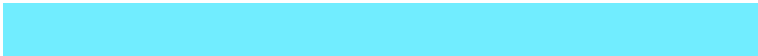
FFC6FF

# Square

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



3CFFD6



71EDFF



FFB9F2



FFDD77

# Rectangle

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



3CFFD6



00FCFF



FFB9F2



FFC39C

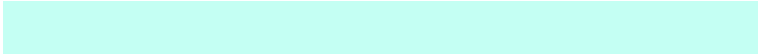


# Sweetspot

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



3CFFD6



C4FFF3



66FF3C



5C8078



000000



808080



# Same Dimension

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



3CFFD6



14FFCE



3CC8FF



73807D



00BF97



004032



# Inverse Universe

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



FF3C65



FF1446



FF733C



807375



BF0028

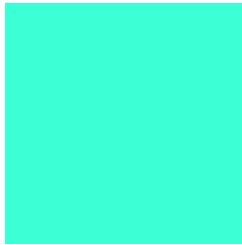


40000D



# Previews

## White Background



This preview shows how the Hex color 3CFFD6 looks on a white background.

## Color Contrast Check

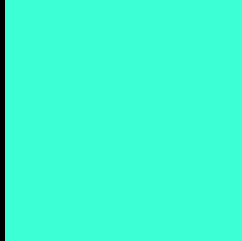
Large Text (above 18pt) WCAG AA × Fail

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 3CFFD6 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 3CFFD6 Background



This preview shows how black text looks on a background with the Hex color 3CFFD6.

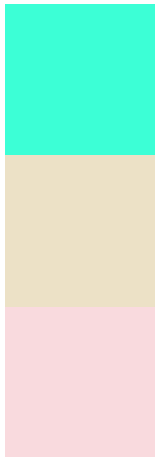


This preview shows how white text looks on a background with the Hex color 3CFFD6.

# 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](#).

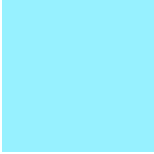
## Dichromacy



**Original Color**  
3CFFD6

**Protanopia**  
ECE1C6

**Deuteranopia**  
F9DADE



**Tritanopia**  
97F1FF

# Trichromacy



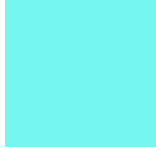
**Original Color**  
3CFFD6



**Protanomaly**  
ACECCC



**Deuteranomaly**  
B4E7DB

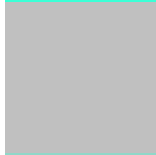


**Tritanomaly**  
76F6F0

# Monochromacy



**Original Color**  
3CFFD6



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
90D7C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CFFD6 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 #3CFFD6 looks like.

```
.text, #text, p{  
    color:#3CFFD6  
}
```

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 #3CFFD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CFFD6
}
```

## Border

The CSS property to change the border of an element to Hex 3CFFD6 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
#3CFFD6 }
```

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

```
.border{ border-color:#3CFFD6 }
```

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

Here you see how a box with a 4 pixel #3CFFD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CFFD6; -webkit-box-shadow:4px 4px  
4px 4px #3CFFD6; box-shadow:4px 4px 4px  
4px #3CFFD6 }
```

# Background

The CSS property to change the background color of an element to Hex 3CFFD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CFFD6 }
```

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

```
.background{ background-color:#3CFFD6 }
```

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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