

# Converting Colors

Hex(C3FDF5)

Have a look what the booklet for  
Hex(C3FDF5) contains.

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# **Color**

**Hex(C3FDF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3FDF5
RGB	195, 253, 245
RGB Percent	76%, 99%, 96%
CMY	0.2353, 0.0078, 0.0392
CMYK	0.23, 0.00, 0.03, 0.01
HSL	172°, 94%, 88%
HSV	172°, 23%, 99%
XYZ	74.1124, 88.4452, 99.5517
YIQ	234.7460, -32.0000, -14.7840

# Conversions

## Conversions Part 2

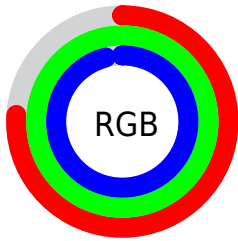
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	195, 226, 253
Decimal	12844533
CIE <sub>Lab</sub>	95.35, -19.74, -2.14
CIE <sub>LCh</sub>	95, 19.856, 186.175
Y <sub>xy</sub>	88.4452, 0.2828, 0.3374
Android (android.graphics.Color)	4291034613 (0xFFC3FDF5)
Y <sub>UV</sub>	234.7460, 5.0552, -34.8572
Hunter-Lab	94.0453, -23.9125, 3.0703

# Details

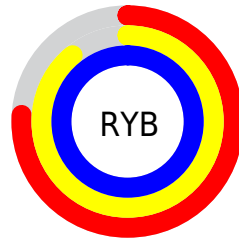
The Hex color **C3FDF5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDC3CB**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FCFFFF**, and **8CC4BD** is the 20% darker color. If you saturate the color by 10%, you get **AAFDF2**, and if you desaturate by 10%, it is **DCFDF8**.

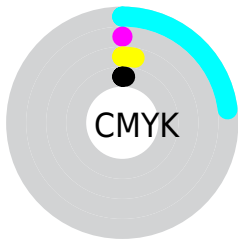
# Distribution



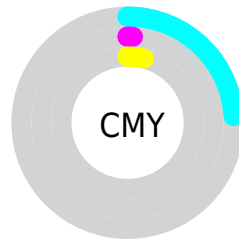
- Red (76%)
- Green (99%)
- Blue (96%)



- Red (76%)
- Yellow (89%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (24%)
- Magenta (1%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3FDF5 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 C3FDF5 by changing the saturation by 10% instead.



 C3FDF5

FFFFFF

 FCFFFF

 C3FDF5

 A7E0D9

 8CC4BD

 71A9A2

 588E88

 3E756E

 245C56

 05443F

 002D29

 001B14

 C3FDF5

 C3FDF5

 AAFDF2

 DCFDF8

 90FDEE

 F6FDFC

 77FDEB

 FFFDFF

 5EFDE7

 45FDE4

 2BFDE0

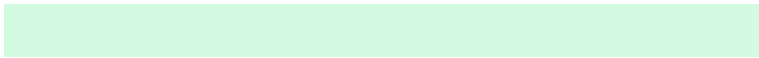
 12FDDD

 00FDDA

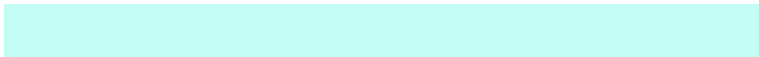
# Harmonies

## Analogous

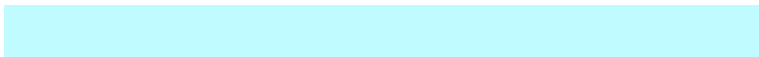
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D2FBE2



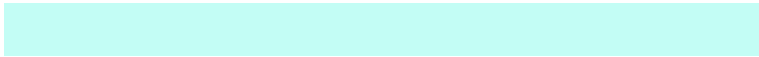
C3FDF5



C0FCFF

# Triad

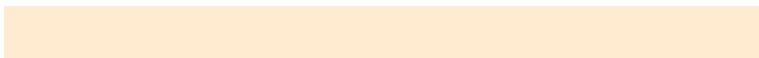
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C3FDF5



FAEBFF



FFEBCF

# Complementary

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



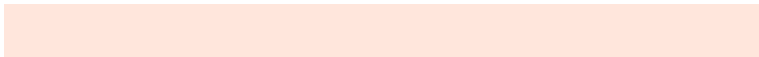
C3FDF5



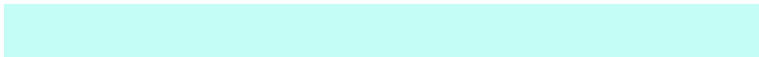
FDC3CB

# 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.



FFE6DC



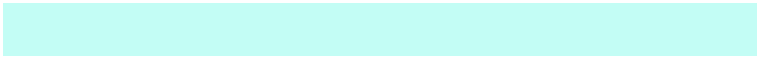
C3FDF5



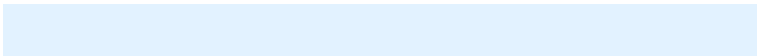
FFE6FF

# Square

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



C3DFD5



E2F2FF



FFE4EE



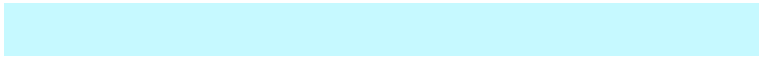
FD2CC

# Rectangle

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



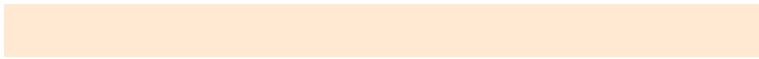
C3FDF5



C6F9FF



FFE4EE



FFE9D2



# Sweetspot

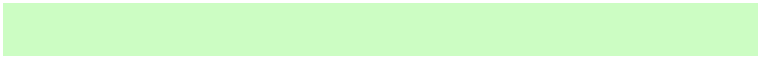
The Sweet Spot groups the original color and five complimentary colors.



C3FDF5



EDFFFD



CCFDC3



75807E



000000

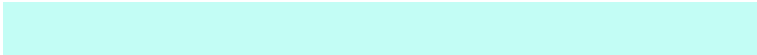


808080

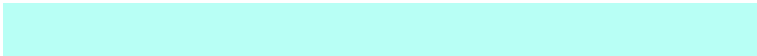


# Same Dimension

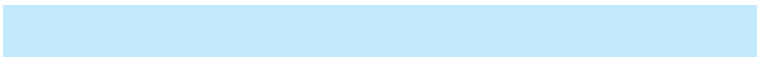
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3FDF5



B8FFF5



C3E9FD



73807E



00BFA5



004037



# Inverse Universe

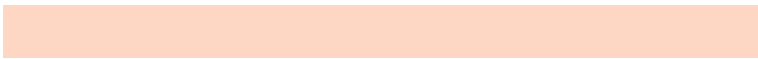
The Inverse Universe completely reimagines the original color for something new.



FDC3CB



FFB8C1



FDD7C3



807375



BF001A

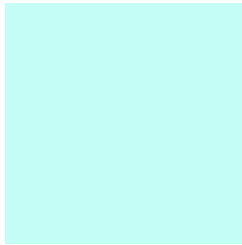


400009



# Previews

## White Background



This preview shows how the Hex color C3FDF5 looks on a white background.

## Color Contrast Check

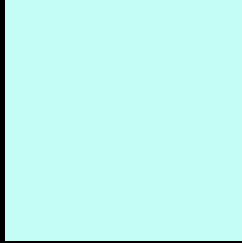
Large Text (above 18pt) WCAG AA × Fail

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 C3FDF5 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

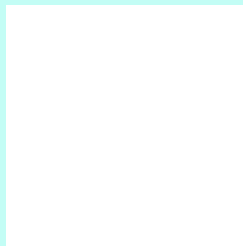
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3FDF5 Background



This preview shows how black text looks on a background with the Hex color C3FDF5.

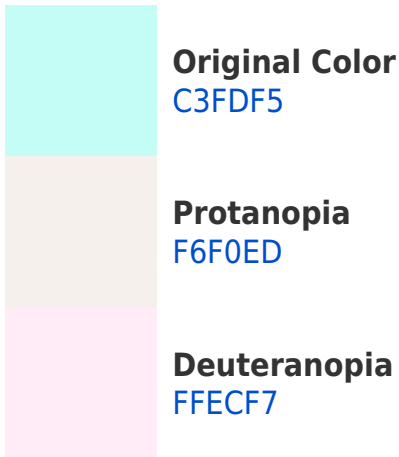


This preview shows how white text looks on a background with the Hex color C3FDF5.

# 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



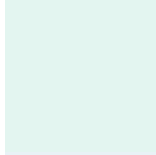


**Tritanopia**  
DEF5FF

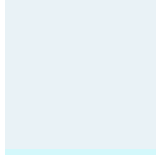
# Trichromacy



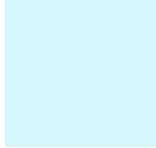
**Original Color**  
C3FDF5



**Protanomaly**  
E3F5F0



**Deuteranomaly**  
E9F2F6

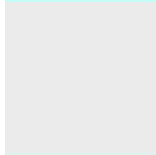


**Tritanomaly**  
D4F8FB

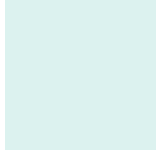
# Monochromacy



**Original Color**  
C3FDF5



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
DCF2EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3FDF5 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 #C3FDF5 looks like.

```
.text, #text, p{  
    color:#C3FDF5  
}
```

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 #C3FDF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FDF5 }  
}
```

## Border

The CSS property to change the border of an element to Hex C3FDF5 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 #C3FDF5 }  
}
```

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

```
.border{ border-color:#C3DFD5 }
```

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

Here you see how a box with a 4 pixel #C3DFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DFD5; -webkit-box-shadow:4px 4px  
4px 4px #C3DFD5; box-shadow:4px 4px 4px  
4px #C3DFD5 }
```

# Background

The CSS property to change the background color of an element to Hex C3FDF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FDF5 }
```

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

```
.background{ background-color:#C3FDF5 }
```

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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