

# Converting Colors

Hex(CDFEF3)

Have a look what the booklet for  
Hex(CDFEF3) contains.

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# **Color**

**Hex(CDFEF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDFEF3
RGB	205, 254, 243
RGB Percent	80%, 100%, 95%
CMY	0.1961, 0.0039, 0.0471
CMYK	0.19, 0.00, 0.04, 0.00
HSL	167°, 96%, 90%
HSV	167°, 19%, 100%
XYZ	76.7963, 90.3338, 98.1826
YIQ	238.0950, -25.6730, -13.8090

# Conversions

## Conversions Part 2

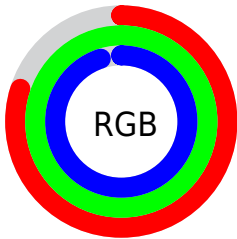
Format	Color
R <sub>Y</sub> B	205, 233, 254
Decimal	13500147
CIE Lab	96.14, -17.64, 0.12
CIE LCh	96, 17.644, 179.626
Yxy	90.3338, 0.2895, 0.3405
Android (android.graphics.Color)	4291690227 (0xFFCDFEF3)
YUV	238.0950, 2.4182, -29.0243
Hunter-Lab	95.0441, -22.0979, 5.2830

# Details

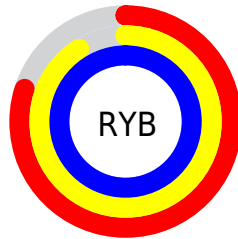
The Hex color **CDFEF3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FECDD8**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **96C5BB** is the 20% darker color. If you saturate the color by 10%, you get **B4FEED**, and if you desaturate by 10%, it is **E6FEF9**.

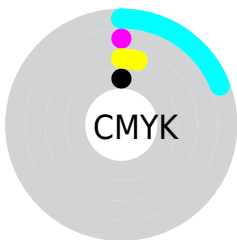
# Distribution



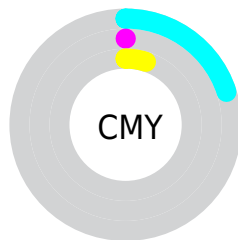
- Red (80%)
- Green (100%)
- Blue (95%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDFEF3 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 CDFEF3 by changing the saturation by 10% instead.



 CDFEF3

FFFFFF

 CDFEF3


 B1E1D7

 96C5BB

 7CAAA0

 628F86

 49766D

 315D54

 18453D

 002E27

 001B13

 CDFEF3

 CDFEF3

 B4FEED

 E6FEF9

 9AFEE8

 FFFEFE

 81FEE2

 FFFEFF

 67FEDC

 4EFED6

 35FED1

 1BFECB

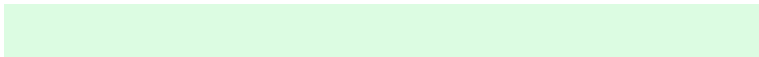
 02FEC5

 00FEC5

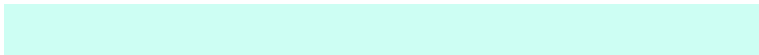
# Harmonies

## Analogous

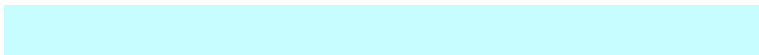
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCFCE2



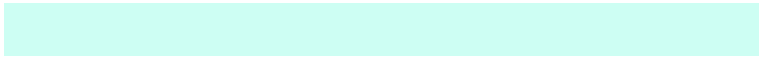
CDFEF3



C8FDFF

# Triad

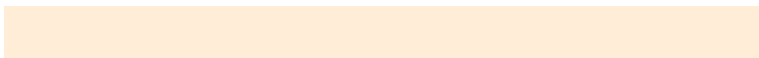
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDFEF3



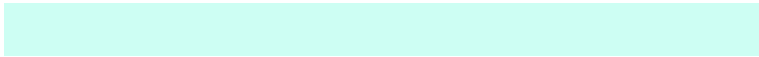
F7F0FF



FFEDD7

# Complementary

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



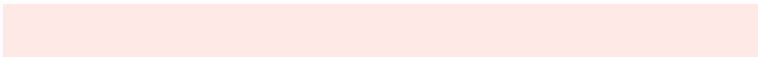
CDFEF3



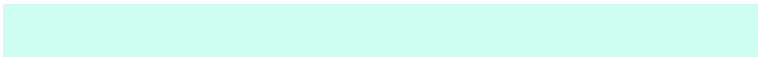
FECDD8

# 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.



FFE9E4



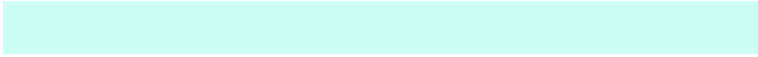
CDFEF3



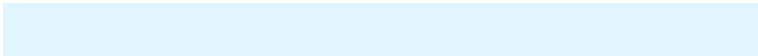
FFEBFF

# Square

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



CDFEF3



E1F5FF



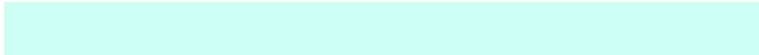
FFE8F5



FFF3D2

# Rectangle

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



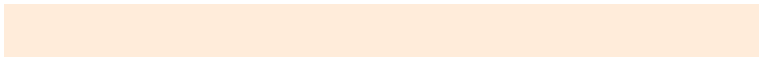
CDFEF3



CCFCFF



FFE8F5



FFECDA



# Sweetspot

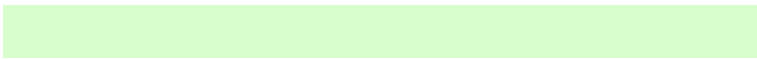
The Sweet Spot groups the original color and five complimentary colors.



CDFEF3



F0FFFC



D8FECD



77807D



000000



808080

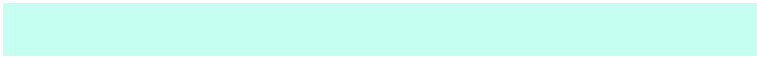


# Same Dimension

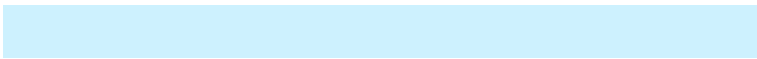
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDFEF3



C4FFF2



CDF1FE



73807D



00BF94



004031



# Inverse Universe

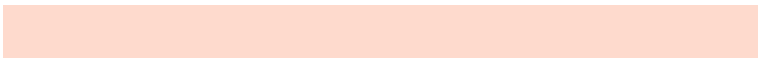
The Inverse Universe completely reimagines the original color for something new.



FECDD8



FFC4D2



FEDACD



807376



BF002B

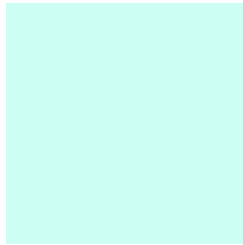


40000E



# Previews

## White Background



This preview shows how the Hex color CDFEF3 looks on a white background.

## Color Contrast Check

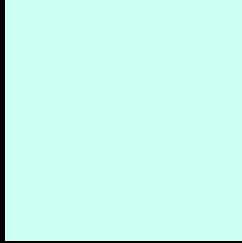
Large Text (above 18pt) WCAG AA × Fail

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 CDFEF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

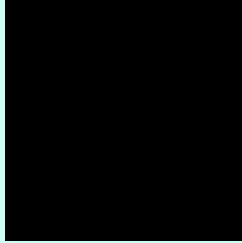
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

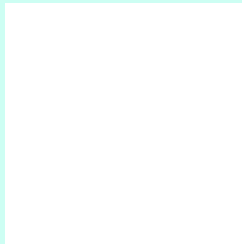
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDFEF3 Background



This preview shows how black text looks on a background with the Hex color CDFEF3.

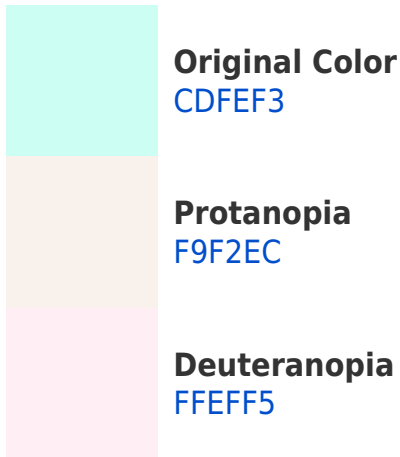


This preview shows how white text looks on a background with the Hex color CDFEF3.

# 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



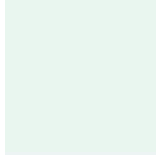


**Tritanopia**  
E6F6FF

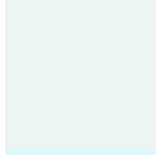
# Trichromacy



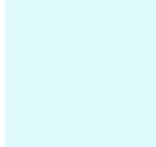
**Original Color**  
CDFEF3



**Protanomaly**  
E9F6EF



**Deuteranomaly**  
EDF4F4

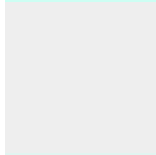


**Tritanomaly**  
DDF9FB

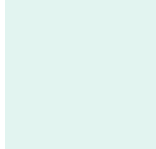
# Monochromacy



**Original Color**  
CDFEF3



**Achromatopsia**  
EEEEEE



**Achromatomaly**  
E2F4F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDFEF3 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 #CDFEF3 looks like.

```
.text, #text, p{  
    color:#CDFEF3  
}
```

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 #CDFEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDFEF3 }
}
```

## Border

The CSS property to change the border of an element to Hex CDFEF3 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 #CDFEF3 }
}
```

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

```
.border{ border-color:#CDFEF3 }
```

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

Here you see how a box with a 4 pixel #CDFEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDFEF3; -webkit-box-shadow:4px 4px  
4px 4px #CDFEF3; box-shadow:4px 4px 4px  
4px #CDFEF3 }
```

# Background

The CSS property to change the background color of an element to Hex CDFEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDFEF3 }
```

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

```
.background{ background-color:#CDFEF3 }
```

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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