

# Converting Colors

Hex(CDFEE8)

Have a look what the booklet for  
Hex(CDFEE8) contains.

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# **Color**

**Hex(CDFEE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDFEE8
RGB	205, 254, 232
RGB Percent	80%, 100%, 91%
CMY	0.1961, 0.0039, 0.0902
CMYK	0.19, 0.00, 0.09, 0.00
HSL	153°, 96%, 90%
HSV	153°, 19%, 100%
XYZ	75.1841, 89.6890, 89.6930
YIQ	236.8410, -22.1420, -17.2300

# Conversions

## Conversions Part 2

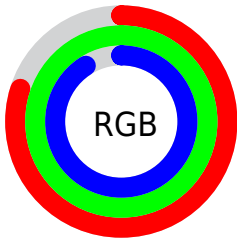
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 237, 254
Decimal	13500136
CIE Lab	95.87, -19.77, 5.39
CIE LCh	96, 20.494, 164.747
Yxy	89.6890, 0.2953, 0.3523
Android (android.graphics.Color)	4291690216 (0xFFCDFEE8)
YUV	236.8410, -2.3866, -27.9246
Hunter-Lab	94.7043, -24.0242, 10.1403

# Details

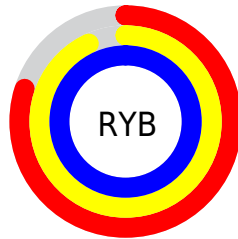
The Hex color **CDFEE8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FECDE3**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **96C5B0** is the 20% darker color. If you saturate the color by 10%, you get **B4FEDD**, and if you desaturate by 10%, it is **E6FEF3**.

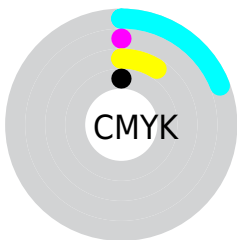
# Distribution



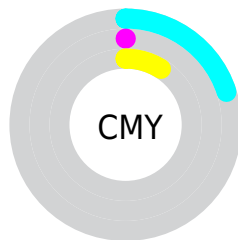
- Red (80%)
- Green (100%)
- Blue (91%)



- Red (80%)
- Yellow (93%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDFEE8 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 CDFEE8 by changing the saturation by 10% instead.



 CDFEE8

FFFFFF

 CDFEE8

 B1E1CC

 96C5B0

 7CAA96

 628F7C

 497663

 315D4B

 194535

 002E1F

 001B07

 CDFEE8

 CDFEE8

 B4FEDD

 E6FEF3

 9AFED1

FFFEFF

 81FEC6

 67FEBA

 4EFEAF

 35FEA4

 1BFE98

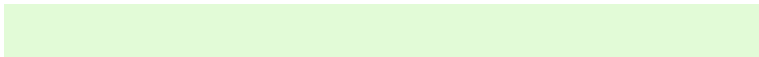
 02FE8D

 00FE8C

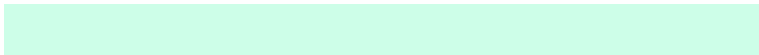
# Harmonies

## Analogous

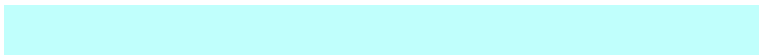
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2FBD7



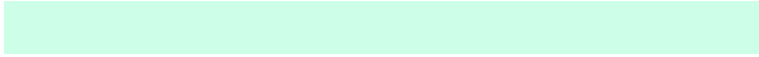
CDFEE8



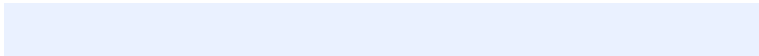
C0FFFC

# Triad

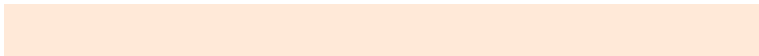
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDFEE8



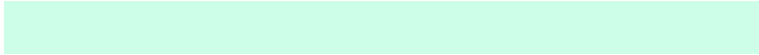
EAF1FF



FFE9D8

# Complementary

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



CDFEE8



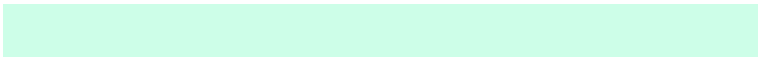
FECDE3

# 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.



FFE6EA



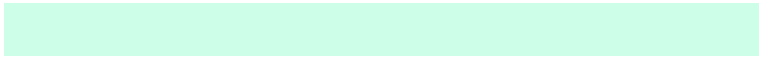
CDFEE8



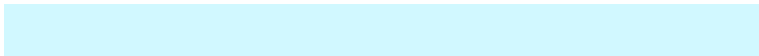
FFEBFF

# Square

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



CDFEE8



D1F8FF



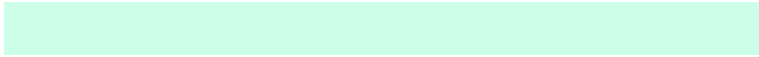
FFE6FE



FFEEDD

# Rectangle

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



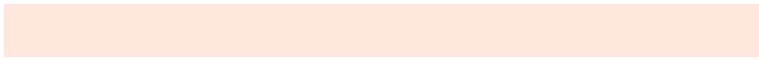
CDFE08



BFFE00



FF66FF

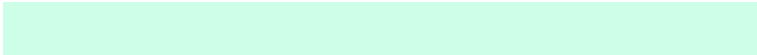


FF6600



# Sweetspot

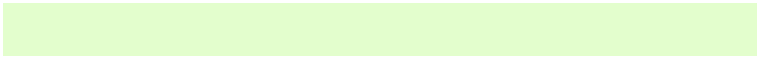
The Sweet Spot groups the original color and five complimentary colors.



CDFEE8



F0FFF8



E3FECD



77807B



000000

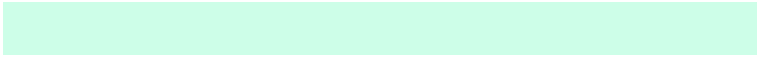


808080

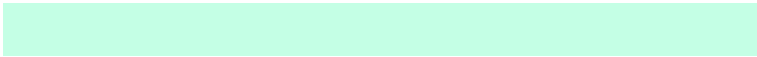


# Same Dimension

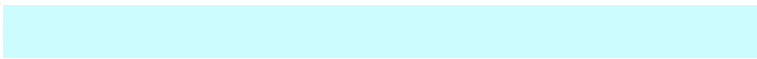
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CDFEE8



C4FFE5



CDFCFE



73807A



00BF69



004023



# Inverse Universe

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



FECDE3



FFC4DF



FECFCD



807378



BF0056

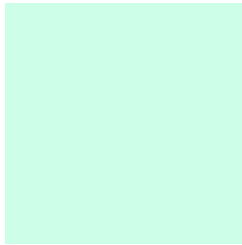


40001D



# Previews

## White Background



This preview shows how the Hex color CDFEE8 looks on a white background.

## Color Contrast Check

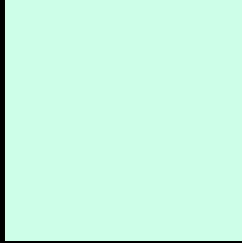
Large Text (above 18pt) WCAG AA × Fail

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 CDFEE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

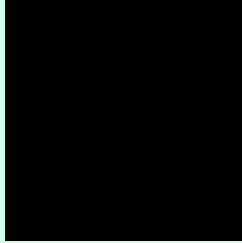
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

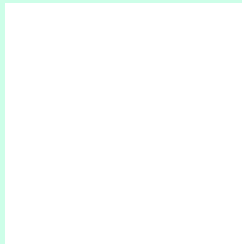
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDFEE8 Background



This preview shows how black text looks on a background with the Hex color CDFEE8.

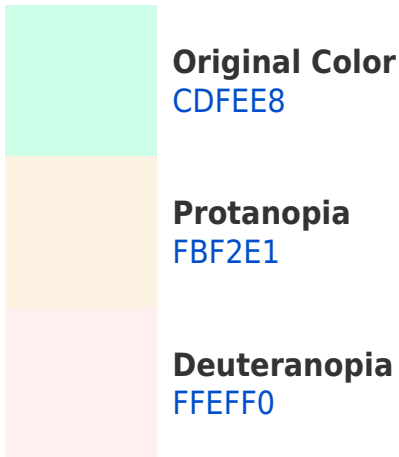


This preview shows how white text looks on a background with the Hex color CDFEE8.

# 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



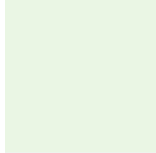


**Tritanopia**  
E5F5FF

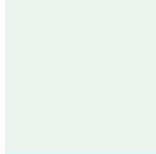
# Trichromacy



**Original Color**  
CDFEE8



**Protanomaly**  
EAF6E4

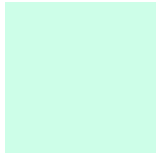


**Deuteranomaly**  
EDF4ED

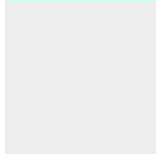


**Tritanomaly**  
DCF8F7

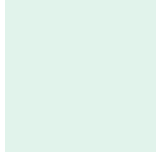
# Monochromacy



**Original Color**  
CDFEE8



**Achromatopsia**  
EDED



**Achromatomaly**  
E1F3EB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDFEE8 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 #CDFEE8 looks like.

```
.text, #text, p{  
    color:#CDFEE8  
}
```

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 #CDFEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDFEE8  
}
```

## Border

The CSS property to change the border of an element to Hex CDFEE8 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  
#CDFEE8 }
```

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

```
.border{ border-color:#CDFEE8 }
```

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

Here you see how a box with a 4 pixel #CDFEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDFEE8; -webkit-box-shadow:4px 4px  
4px 4px #CDFEE8; box-shadow:4px 4px 4px  
4px #CDFEE8 }
```

# Background

The CSS property to change the background color of an element to Hex CDFEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDFEE8 }
```

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

```
.background{ background-color:#CDFEE8 }
```

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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