

# Converting Colors

Hex(DCFEE8)

Have a look what the booklet for  
Hex(DCFEE8) contains.

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# **Color**

**Hex(DCFEE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCFEE8
RGB	220, 254, 232
RGB Percent	86%, 100%, 91%
CMY	0.1373, 0.0039, 0.0902
CMYK	0.13, 0.00, 0.09, 0.00
HSL	141°, 94%, 93%
HSV	141°, 13%, 100%
XYZ	79.5225, 91.9255, 89.8960
YIQ	241.3260, -13.2020, -14.0500

# Conversions

## Conversions Part 2

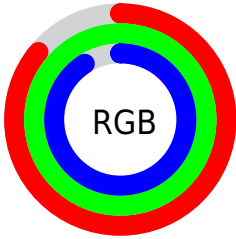
Format	Color
R <sub>Y</sub> B	220, 245, 254
Decimal	14483176
CIE Lab	96.79, -15.02, 6.84
CIE LCh	97, 16.503, 155.513
Yxy	91.9255, 0.3043, 0.3517
Android (android.graphics.Color)	4292673256 (0xFFDCFE E8)
YUV	241.3260, -4.5977, -18.7029
Hunter-Lab	95.8778, -19.7354, 11.5235

# Details

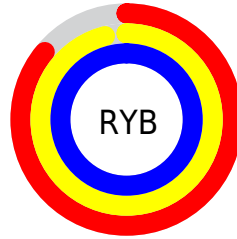
The Hex color **DCFEE8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FEDCF2**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **A5C5B0** is the 20% darker color. If you saturate the color by 10%, you get **C3FED8**, and if you desaturate by 10%, it is **F5FEF8**.

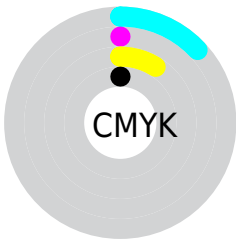
# Distribution



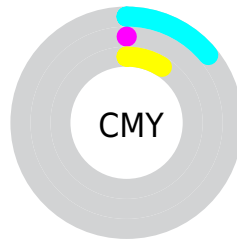
- Red (86%)
- Green (100%)
- Blue (91%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCFEE8 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 DCFEE8 by changing the saturation by 10% instead.



 DCFEE8


FFFFFF

 DCFEE8

 C0E1CC

 A5C5B0

 8AAA96

 718F7C

 587663

 405D4B

 294534

 132F1F

 001B07

 DCFEE8

 DCFEE8

 C3FED8

 F5FEF8

 A9FEC7

FFFEFF

 90FEB7

 76FEA6

 5DFE96

 44FE85

 2AFE75

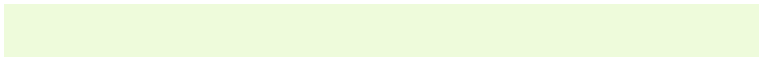
 11FE65

 00FE5A

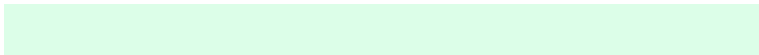
# Harmonies

## Analogous

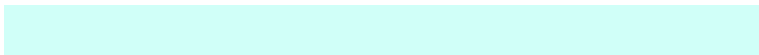
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEFBDB



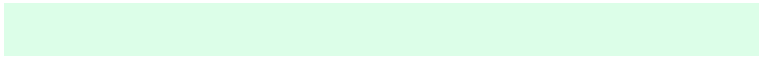
DCFEE8



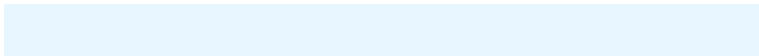
D0FFF8

# Triad

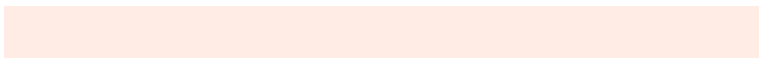
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCFEE8



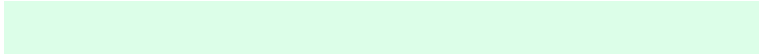
E8F6FF



FFECE4

# Complementary

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



DCFEE8



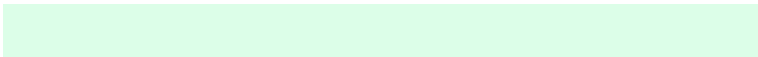
FEDCF2

# 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.



FFEBF3



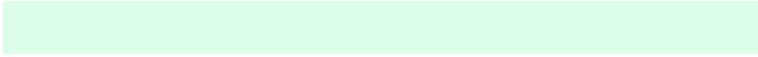
DCFEE8



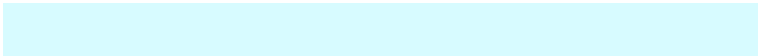
FDF1FF

# Square

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



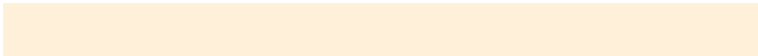
DCFEE8



D7FBFF



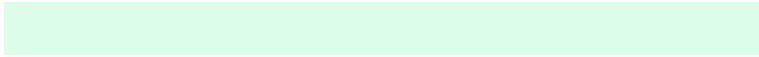
FFEDFF



FFF0D9

# Rectangle

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



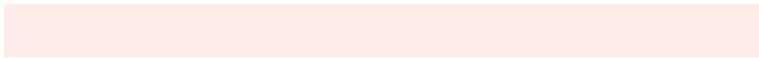
DCFEE8



CDFFFF



FFEDFF

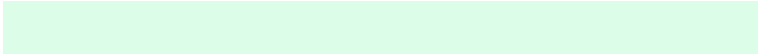


FFEBE9



# Sweetspot

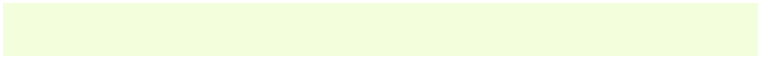
The Sweet Spot groups the original color and five complimentary colors.



DCFEE8



F5FFF8



F2FEDC



79807B



000000

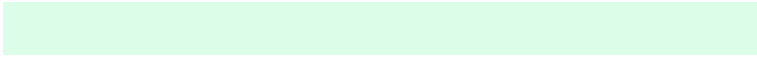


808080

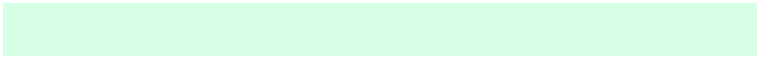


# Same Dimension

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



DCFEE8



D6FFE5



DCFEF9



738077



00BF43



004016



# Inverse Universe

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



FEDCF2



FFD6F1



FEDCE1



80737B



BF007C



400029



# Previews

## White Background



This preview shows how the Hex color DCFEE8 looks on a white background.

## Color Contrast Check

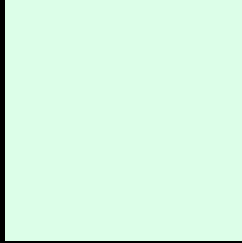
Large Text (above 18pt) WCAG AA × Fail

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 DCFEE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

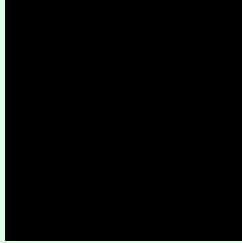
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

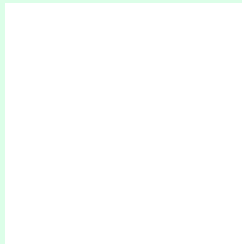
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCFEE8 Background



This preview shows how black text looks on a background with the Hex color DCFEE8.

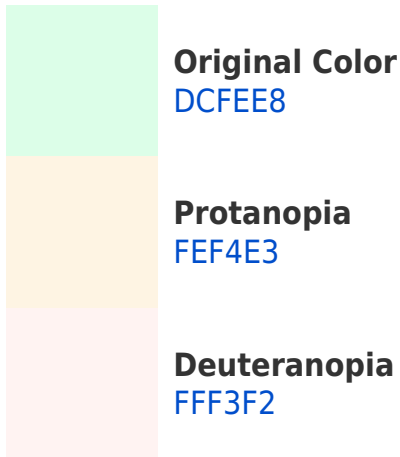


This preview shows how white text looks on a background with the Hex color DCFEE8.

# 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



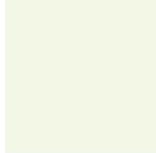


**Tritanopia**  
EEF7FF

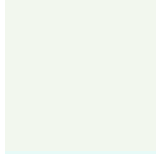
# Trichromacy



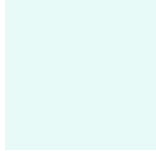
**Original Color**  
DCFEE8



**Protanomaly**  
F2F8E5



**Deuteranomaly**  
F2F7EE

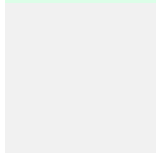


**Tritanomaly**  
E7FAF7

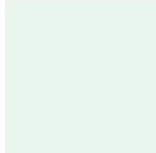
# Monochromacy



**Original Color**  
DCFEE8



**Achromatopsia**  
F1F1F1



**Achromatomaly**  
E9F6EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCFEE8 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 #DCFEE8 looks like.

```
.text, #text, p{  
    color:#DCFEE8  
}
```

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 #DCFEE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCFEE8  
}
```

## Border

The CSS property to change the border of an element to Hex DCFEE8 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  
#DCFEE8 }
```

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

```
.border{ border-color:#DCFEE8 }
```

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

Here you see how a box with a 4 pixel #DCFEE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCFEE8; -webkit-box-shadow:4px 4px  
4px 4px #DCFEE8; box-shadow:4px 4px 4px  
4px #DCFEE8 }
```

# Background

The CSS property to change the background color of an element to Hex DCFEE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCFEE8 }
```

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

```
.background{ background-color:#DCFEE8 }
```

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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