

# Converting Colors

Hex(8DF7C0)

Have a look what the booklet for  
Hex(8DF7C0) contains.

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# Color

Hex(8DF7C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	8DF7C0
RGB	141, 247, 192
RGB Percent	55%, 97%, 75%
CMY	0.4471, 0.0314, 0.2471
CMYK	0.43, 0.00, 0.22, 0.03
HSL	149°, 87%, 76%
HSV	149°, 43%, 97%
XYZ	53.7597, 75.9900, 61.7033
YIQ	209.0360, -45.5210, -39.5770

# Conversions

## Conversions Part 2

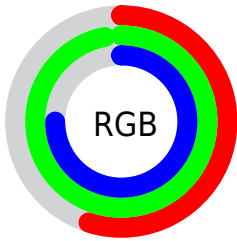
Format	Color
<b>RYB</b>	141, 213, 247
Decimal	9304000
CIELab	89.85, -42.77, 17.00
CIElCh	90, 46.025, 158.320
Yxy	75.9900, 0.2808, 0.3969
Android (android.graphics.Color)	4287494080 (0xFF8DF7C0)
YUV	209.0360, -8.3987, -59.6676
Hunter-Lab	87.1723, -42.4693, 19.0532

# Details

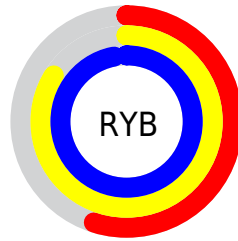
The Hex color **8DF7C0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F78DC4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **C7FFF9**, and **54BE8A** is the 20% darker color. If you saturate the color by 10%, you get **74F7B3**, and if you desaturate by 10%, it is **A6F7CD**.

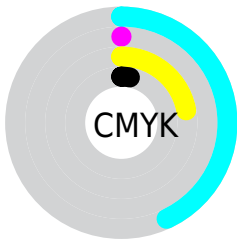
# Distribution



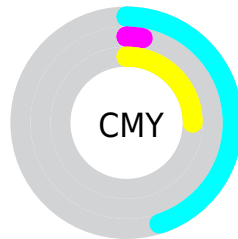
- Red (55%)
- Green (97%)
- Blue (75%)



- Red (55%)
- Yellow (84%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DF7C0 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 8DF7C0 by changing the saturation by 10% instead.



 8DF7C0

 8DF7C0

FFFFFF

 71DAA5

 C7FFF9

 54BE8A

 E4FFFF

 35A271

 0A8858

 006E41

 00552A

 003C15

 002800

 000000

 8DF7C0

 8DF7C0

 74F7B3

 A6F7CD

 5CF7A6

 BEF7DA

 43F79A

 D7F7E6

 2AF78D

 F0F7F3

 12F780

 FFF7FF

 00F777

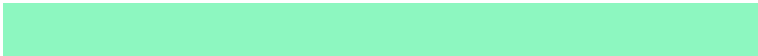
# Harmonies

## Analogous

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



C3EF9B



8DF7C0



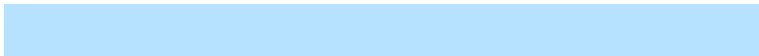
50FAED

# Triad

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



8DF7C0



B7E2FF



FFC6AE

# Complementary

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



8DF7C0



F78DC4

# 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.



FFC0D7



8DF7C0



F7D2FF

# Square

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



8DF7C0



6AEFFF



FFC4FF



FFD491

# Rectangle

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



8DF7C0



2AF9FF



FFC4FF

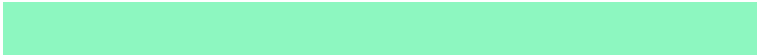


FFC3BA

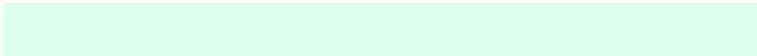


# Sweetspot

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



8DF7C0



DEFFEE



C6F78D



6B8075



000000



808080



# Same Dimension

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



8DF7C0



7DFFBC



8DF7F3



6E7A74



00BA5A



003B1C



# Inverse Universe

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



F78DC4



FF7DC0



F78D91



7A6E75



BA0061

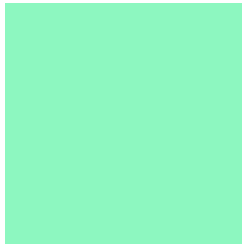


3B001E



# Previews

## White Background



This preview shows how the Hex color 8DF7C0 looks on a white background.

## Color Contrast Check

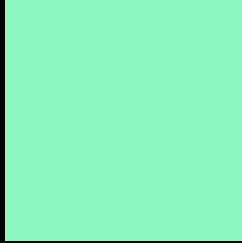
Large Text (above 18pt) WCAG AA × Fail

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 8DF7C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

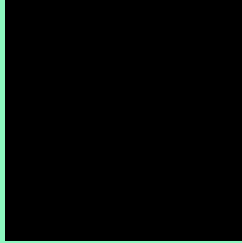
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DF7C0 Background



This preview shows how black text looks on a background with the Hex color 8DF7C0.

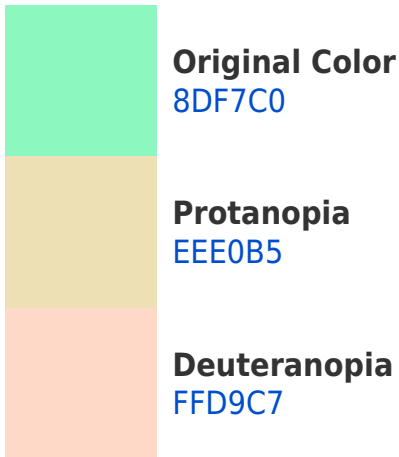


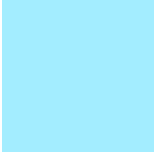
This preview shows how white text looks on a background with the Hex color 8DF7C0.

# 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



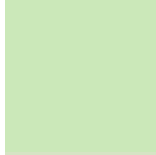


**Tritanopia**  
A3EDFF

# Trichromacy



**Original Color**  
8DF7C0



**Protanomaly**  
CBE8B9



**Deuteranomaly**  
D6E4C4

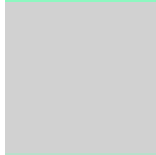


**Tritanomaly**  
9BF1E8

# Monochromacy



**Original Color**  
8DF7C0



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
B8DFCB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DF7C0 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 #8DF7C0 looks like.

```
.text, #text, p{  
    color:#8DF7C0  
}
```

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 #8DF7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF7C0
}
```

## Border

The CSS property to change the border of an element to Hex 8DF7C0 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
#8DF7C0 }
```

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

```
.border{ border-color:#8DF7C0 }
```

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

Here you see how a box with a 4 pixel #8DF7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF7C0; -webkit-box-shadow:4px 4px  
4px 4px #8DF7C0; box-shadow:4px 4px 4px  
4px #8DF7C0 }
```

# Background

The CSS property to change the background color of an element to Hex 8DF7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF7C0 }
```

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

```
.background{ background-color:#8DF7C0 }
```

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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