

# Converting Colors

Hex(DAFBF7)

Have a look what the booklet for  
Hex(DAFBF7) contains.

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# **Color**

**Hex(DAFBF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAFBF7
RGB	218, 251, 247
RGB Percent	85%, 98%, 97%
CMY	0.1451, 0.0157, 0.0314
CMYK	0.13, 0.00, 0.02, 0.02
HSL	173°, 80%, 92%
HSV	173°, 13%, 98%
XYZ	80.1991, 90.6152, 101.2592
YIQ	240.6770, -18.3840, -8.2400

# Conversions

## Conversions Part 2

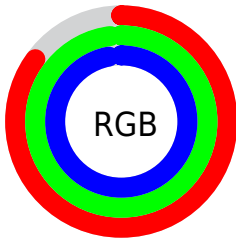
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 236, 251
Decimal	14351351
CIE Lab	96.25, -11.37, -1.68
CIE LCh	96, 11.489, 188.418
Yxy	90.6152, 0.2948, 0.3331
Android (android.graphics.Color)	4292541431 (0xFFDAFBF7)
YUV	240.6770, 3.1172, -19.8877
Hunter-Lab	95.1920, -16.2000, 3.5655

# Details

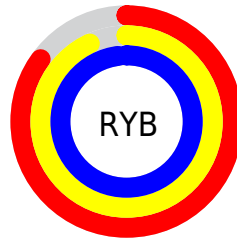
The Hex color **DAFBF7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBD ADE**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFFF**, and **A3C2BF** is the 20% darker color. If you saturate the color by 10%, you get **C1FBF4**, and if you desaturate by 10%, it is **F3FBFA**.

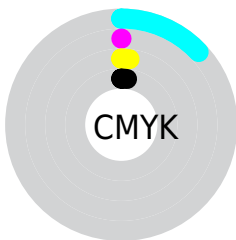
# Distribution



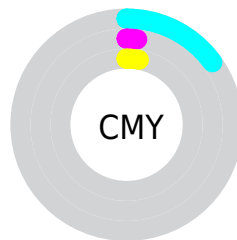
- Red (85%)
- Green (98%)
- Blue (97%)



- Red (85%)
- Yellow (93%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAFBF7 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 DAFBF7 by changing the saturation by 10% instead.



 DAFBF7

FFFFFF

 DAFBF7

 BEDEDB

 A3C2BF

 88A7A4

 6F8D89

 567370

 3E5B58

 274340

 112D2A

 001916

 DAFBF7

 DAFBF7

 C1FBF4

 F3FBFA

 A8FBF1

 FFFBFD

 8FFBEE


 FFFBFF

 76FBEB

 5DFBE8

 43FBE5

 2AFBE2

 11FBDF

 00FBDD

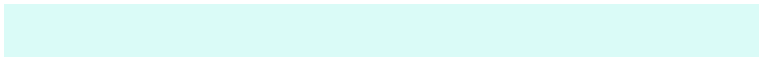
# Harmonies

## Analogous

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



E2FAEC



DAFBF7



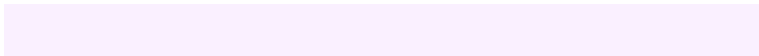
D9FAFF

# Triad

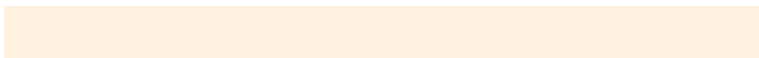
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DAFBF7



FAF0FF



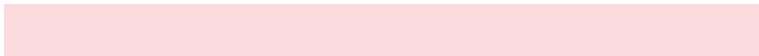
FFF1E0

# Complementary

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



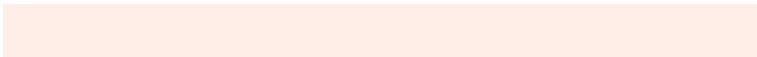
DAFBF7



FBDAD E

# 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.



FFEEE7



DAFBF7



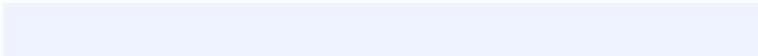
FFEEFD

# Square

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



DAFBF7



EDF4FF



FFEDF1



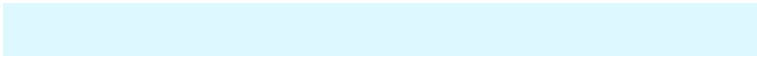
FAF4DE

# Rectangle

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



DAFBF7



DDF9FF



FFEDF1

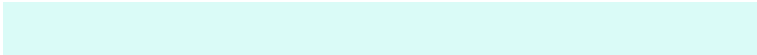


FFF0E2



# Sweetspot

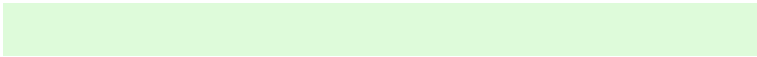
The Sweet Spot groups the original color and five complimentary colors.



DAFBF7



F5FFFE



DEFBDA



79807F



000000



808080



# Same Dimension

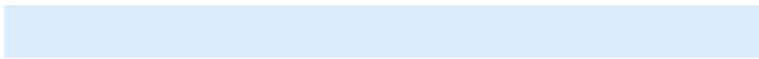
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DAFBF7



D6FFFA



DAEFFB



707D7B



00BDA6



003D36



# Inverse Universe

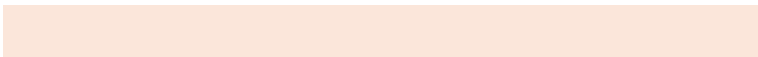
The Inverse Universe completely reimagines the original color for something new.



FBDADA



FFD6DB



FBE6DA



7D7072



BD0017



3D0007



# Previews

## White Background



This preview shows how the Hex color DAFBF7 looks on a white background.

## Color Contrast Check

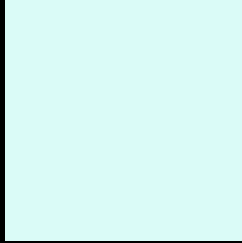
Large Text (above 18pt) WCAG AA × Fail

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 DAFBF7 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 DAFBF7 Background



This preview shows how black text looks on a background with the Hex color DAFBF7.

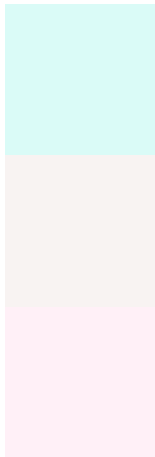


This preview shows how white text looks on a background with the Hex color DAFBF7.

# 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



**Original Color**  
DAFBF7

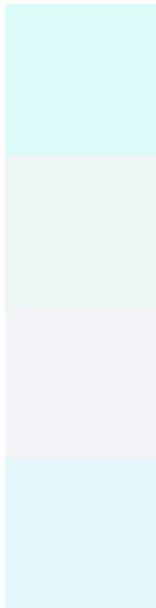
**Protanopia**  
F8F3F2

**Deuteranopia**  
FFF0F7



**Tritanopia**  
EAF6FF

# Trichromacy



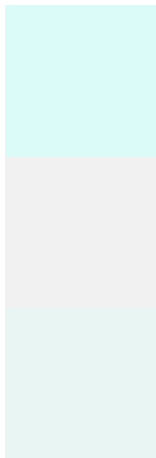
**Original Color**  
DAFBF7

**Protanomaly**  
EDF6F4

**Deuteranomaly**  
F2F4F7

**Tritanomaly**  
E4F8FC

# Monochromacy



**Original Color**  
DAFBF7

**Achromatopsia**  
F1F1F1

**Achromatomaly**  
E9F5F3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAFBF7 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 #DAFBF7 looks like.

```
.text, #text, p{  
    color:#DAFBF7  
}
```

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 #DAFBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAFBF7  
}
```

## Border

The CSS property to change the border of an element to Hex DAFBF7 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  
#DAFBF7 }
```

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

```
.border{ border-color:#DAFBF7 }
```

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

Here you see how a box with a 4 pixel #DAFBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAFBF7; -webkit-box-shadow:4px 4px  
4px 4px #DAFBF7; box-shadow:4px 4px 4px  
4px #DAFBF7 }
```

# Background

The CSS property to change the background color of an element to Hex DAFBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAFBF7 }
```

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

```
.background{ background-color:#DAFBF7 }
```

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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