

# Converting Colors

Hex(D3FAEB)

Have a look what the booklet for  
Hex(D3FAEB) contains.

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# **Color**

**Hex(D3FAEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3FAEB
RGB	211, 250, 235
RGB Percent	83%, 98%, 92%
CMY	0.1725, 0.0196, 0.0784
CMYK	0.16, 0.00, 0.06, 0.02
HSL	157°, 80%, 90%
HSV	157°, 16%, 98%
XYZ	76.0450, 88.2183, 91.6171
YIQ	236.6290, -18.4290, -12.9330

# Conversions

## Conversions Part 2

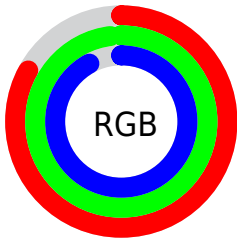
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 235, 250
Decimal	13892331
CIE Lab	95.25, -15.36, 3.00
CIE LCh	95, 15.654, 168.949
Yxy	88.2183, 0.2972, 0.3448
Android (android.graphics.Color)	4292082411 (0xFFD3FAEB)
YUV	236.6290, -0.8031, -22.4766
Hunter-Lab	93.9246, -19.8475, 7.9138

# Details

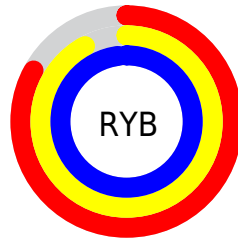
The Hex color **D3FAEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAD3E2**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **9CC1B3** is the 20% darker color. If you saturate the color by 10%, you get **BAFAE1**, and if you desaturate by 10%, it is **ECFAF5**.

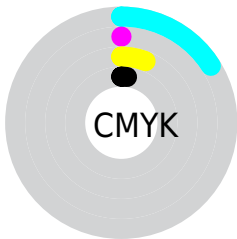
# Distribution



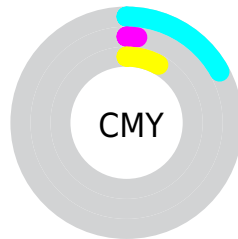
- Red (83%)
- Green (98%)
- Blue (92%)



- Red (83%)
- Yellow (92%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3FAEB 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 D3FAEB by changing the saturation by 10% instead.



 D3FAEB

FFFFFF

 D3FAEB

 B7DDCF

 9CC1B3

 82A699

 688C7F

 507266

 385A4E

 214237

 0A2C22

 00180B

 D3FAEB

 D3FAEB

 BAFAE1

 ECFAF5

 A1FAD8

 FFFAFE

 88FACE

 FFFAFF

 6FFAC5

 56FABB

 3DFAB1

 24FAA8

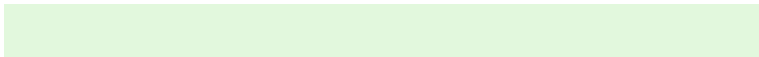
 0BFA9E

 00FA9A

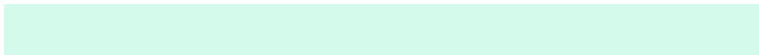
# Harmonies

## Analogous

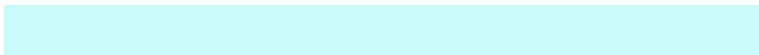
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E2F8DD



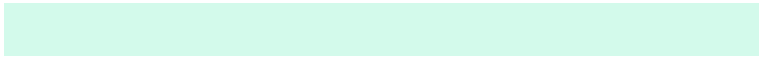
D3FAEB



CBFAFB

# Triad

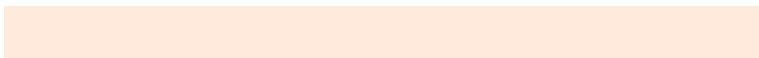
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3FAEB



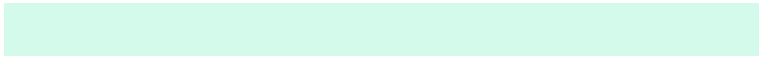
EDEFFF



FFEADB

# Complementary

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



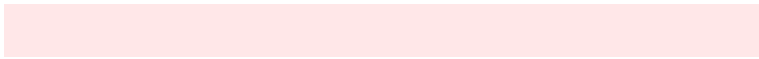
D3FAEB



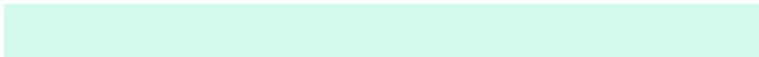
FAD3E2

# 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.



FFE7E8



D3FAEB



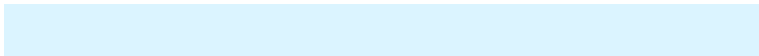
FFEBFF

# Square

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



D3FAEB



DBF4FF



FFE8F8



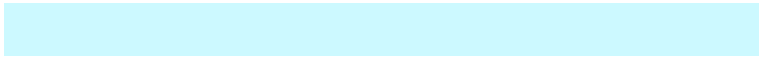
FFEE4D

# Rectangle

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



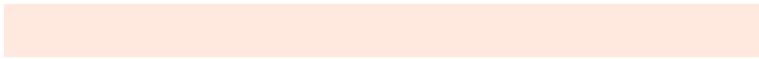
D3FAEB



CCF9FF



FFE8F8

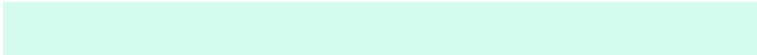


FFE9DF



# Sweetspot

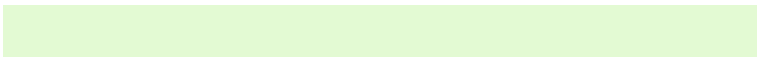
The Sweet Spot groups the original color and five complimentary colors.



D3FAEB



F2FFFA



E3FAD3



78807D



000000



808080

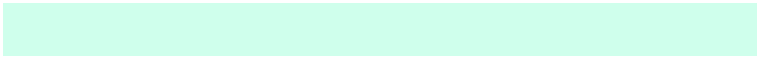


# Same Dimension

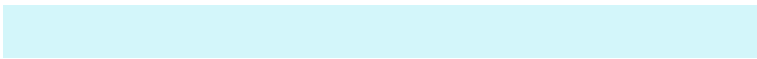
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3FAEB



CFF FEC



D3F6FA



707D78



00BD74



003D26



# Inverse Universe

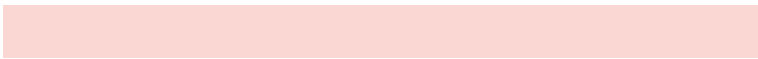
The Inverse Universe completely reimagines the original color for something new.



FAD3E2



FFCFE1



FAD7D3



7D7075



BD0049



3D0018



# Previews

## White Background



This preview shows how the Hex color D3FAEB looks on a white background.

## Color Contrast Check

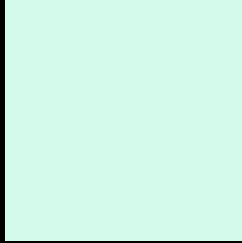
Large Text (above 18pt) WCAG AA × Fail

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 D3FAEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

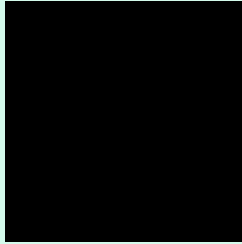
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

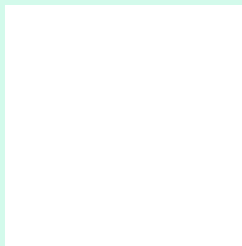
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3FAEB Background



This preview shows how black text looks on a background with the Hex color D3FAEB.

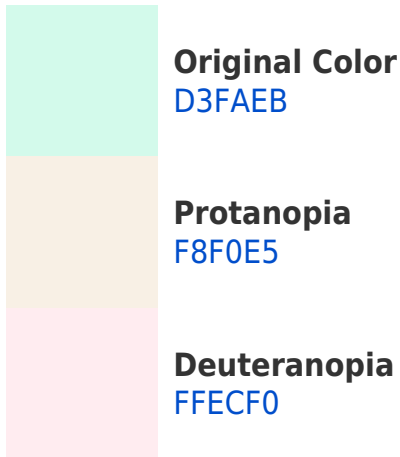


This preview shows how white text looks on a background with the Hex color D3FAEB.

# 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



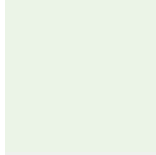


**Tritanopia**  
E3F4FF

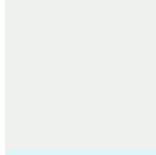
# Trichromacy



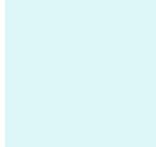
**Original Color**  
D3FAEB



**Protanomaly**  
EBF4E7



**Deuteranomaly**  
EFF1EE

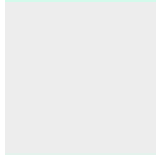


**Tritanomaly**  
DDF6F8

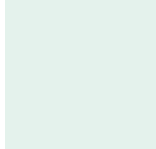
# Monochromacy



**Original Color**  
D3FAEB



**Achromatopsia**  
EDED



**Achromatomaly**  
E4F2EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3FAEB 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 #D3FAEB looks like.

```
.text, #text, p{  
    color:#D3FAEB  
}
```

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 #D3FAEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3FAEB
}
```

## Border

The CSS property to change the border of an element to Hex D3FAEB 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
#D3FAEB }
```

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

```
.border{ border-color:#D3FAEB }
```

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

Here you see how a box with a 4 pixel #D3FAEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3FAEB; -webkit-box-shadow:4px 4px  
4px 4px #D3FAEB; box-shadow:4px 4px 4px  
4px #D3FAEB }
```

# Background

The CSS property to change the background color of an element to Hex D3FAEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3FAEB }
```

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

```
.background{ background-color:#D3FAEB }
```

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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