

# Converting Colors

Hex(D3E8F8)

Have a look what the booklet for  
Hex(D3E8F8) contains.

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# **Color**

**Hex(D3E8F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3E8F8
RGB	211, 232, 248
RGB Percent	83%, 91%, 97%
CMY	0.1725, 0.0902, 0.0275
CMYK	0.15, 0.06, 0.00, 0.03
HSL	206°, 73%, 90%
HSV	206°, 15%, 97%
XYZ	72.6639, 78.3394, 100.0982
YIQ	227.5450, -17.6520, 0.5240

# Conversions

## Conversions Part 2

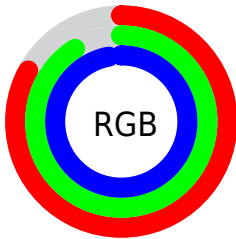
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	211, 224, 248
Decimal	13887736
CIE <sub>Lab</sub>	90.93, -3.73, -10.10
CIE <sub>LCh</sub>	91, 10.768, 249.706
Y <sub>xy</sub>	78.3394, 0.2894, 0.3120
Android (android.graphics.Color)	4292077816 (0xFFD3E8F8)
YUV	227.5450, 10.0843, -14.5100
Hunter-Lab	88.5096, -8.3482, -5.0962

# Details

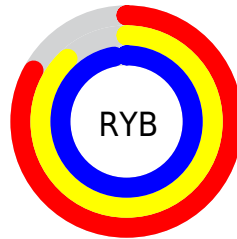
The Hex color **D3E8F8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F8E3D3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **9CB0C0** is the 20% darker color. If you saturate the color by 10%, you get **BADDF8**, and if you desaturate by 10%, it is **ECF3F8**.

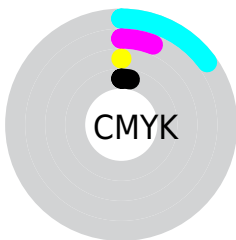
# Distribution



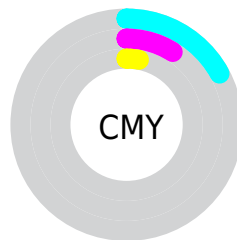
- Red (83%)
- Green (91%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (9%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E8F8 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 D3E8F8 by changing the saturation by 10% instead.



 D3E8F8

FFFFFF

 D3E8F8

 B7CCDB

 9CB0C0

 8296A5

 687C8A

 506371

 384B58

 223541

 0B1F2B

 000717

 D3E8F8

 D3E8F8

 BADD8F8

 ECF3F8

 A1D3F8

 FFFDF8

 89C8F8

 FFFFF8

 70BDF8

 57B2F8

 3EA8F8

 259DF8

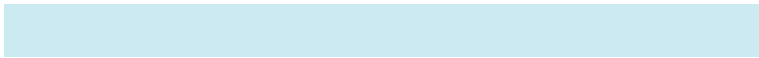
 0D92F8

 008DF8

# Harmonies

## Analogous

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



CCEAF2



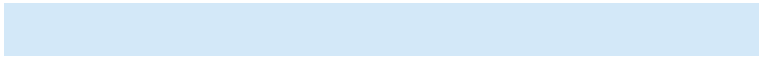
D3E8F8



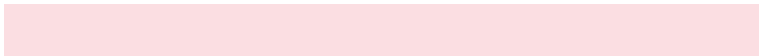
DFE5F9

# Triad

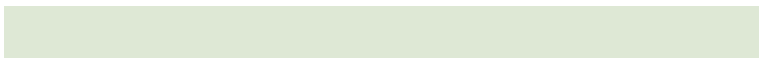
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3E8F8



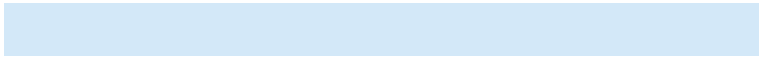
FBDEE2



DEE8D5

# Complementary

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



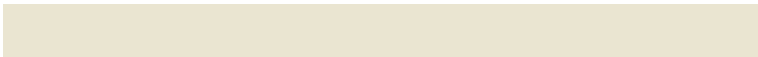
D3E8F8



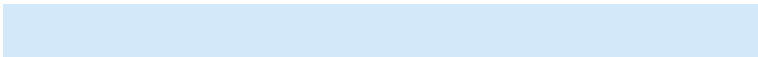
F8E3D3

# Split Complementary

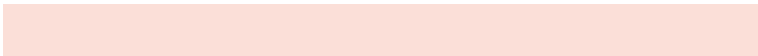
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE5D1



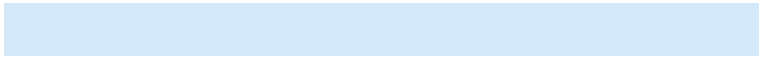
D3E8F8



FBD8D8

# Square

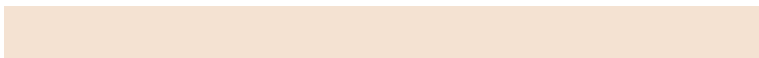
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3E8F8



F6DFEC



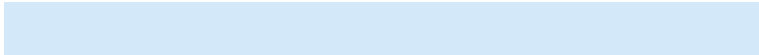
F4E2D2



D3EBDE

# Rectangle

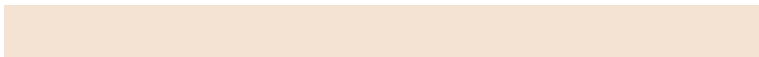
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3E8F8



E7E2F7



F4E2D2



E2E8D3

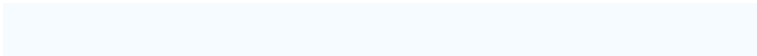


# Sweetspot

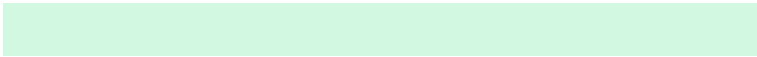
The Sweet Spot groups the original color and five complimentary colors.



D3E8F8



F5FBFF



D3F8E2



797D80



000000

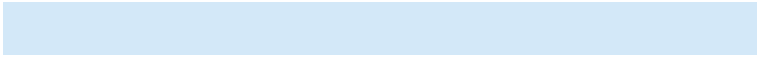


808080

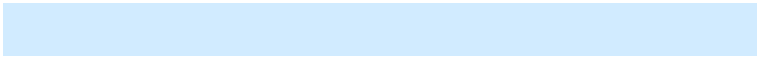


# Same Dimension

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



D3E8F8



D1EBFF



D3D6F8



70787D



006BBD



00233D



# Inverse Universe

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



F8D3E8



FFD1EB



F8F5D3



7D7078



BD006B

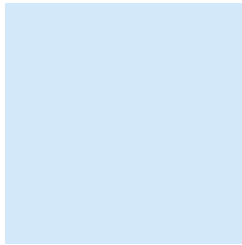


3D0023



# Previews

## White Background



This preview shows how the Hex color D3E8F8 looks on a white background.

## Color Contrast Check

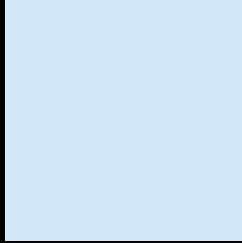
Large Text (above 18pt) WCAG AA × Fail

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 D3E8F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

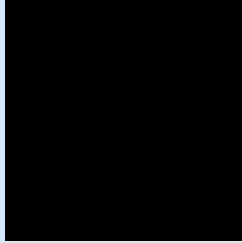
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

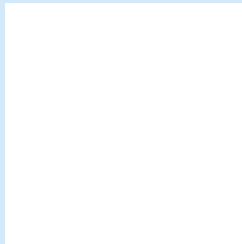
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3E8F8 Background



This preview shows how black text looks on a background with the Hex color D3E8F8.

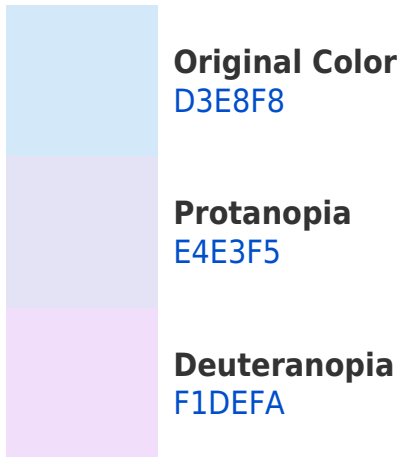


This preview shows how white text looks on a background with the Hex color D3E8F8.

# 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](#).

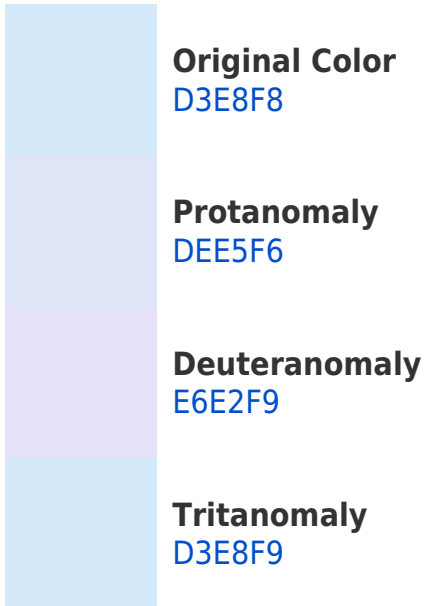
## Dichromacy





**Tritanopia**  
D3E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3E8F8 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 #D3E8F8 looks like.

```
.text, #text, p{  
    color:#D3E8F8  
}
```

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 #D3E8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3E8F8  
}
```

## Border

The CSS property to change the border of an element to Hex D3E8F8 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  
#D3E8F8 }
```

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

```
.border{ border-color:#D3E8F8 }
```

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

Here you see how a box with a 4 pixel #D3E8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3E8F8; -webkit-box-shadow:4px 4px  
4px 4px #D3E8F8; box-shadow:4px 4px 4px  
4px #D3E8F8 }
```

# Background

The CSS property to change the background color of an element to Hex D3E8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E8F8 }
```

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

```
.background{ background-color:#D3E8F8 }
```

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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