

# Converting Colors

Hex(D3E9FA)

Have a look what the booklet for  
Hex(D3EFFA) contains.

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# **Color**

**Hex(D3EFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3EFFA
RGB	211, 239, 250
RGB Percent	83%, 94%, 98%
CMY	0.1725, 0.0627, 0.0196
CMYK	0.16, 0.04, 0.00, 0.02
HSL	197°, 80%, 90%
HSV	197°, 16%, 98%
XYZ	74.9858, 82.4840, 102.4113
YIQ	231.8820, -20.2190, -2.5150

# Conversions

## Conversions Part 2

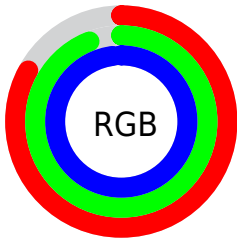
Format	Color
R <sub>Y</sub> B	211, 227, 250
Decimal	13889530
CIE Lab	92.79, -6.91, -8.39
CIE LCh	93, 10.867, 230.546
Yxy	82.4840, 0.2885, 0.3174
Android (android.graphics.Color)	4292079610 (0xFFD3EFA)
YUV	231.8820, 8.9322, -18.3135
Hunter-Lab	90.8207, -11.5584, -3.2821

# Details

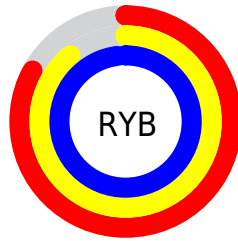
The Hex color **D3EFFA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FADED3**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **9CB7C2** is the 20% darker color. If you saturate the color by 10%, you get **BAE8FA**, and if you desaturate by 10%, it is **ECF6FA**.

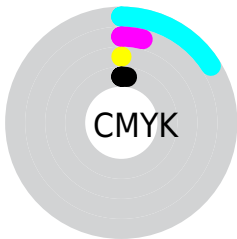
# Distribution



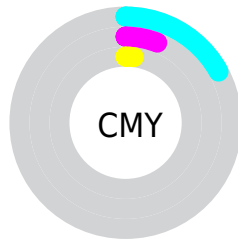
- Red (83%)
- Green (94%)
- Blue (98%)



- Red (83%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (6%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3E9FA 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 D3E9FA by changing the saturation by 10% instead.



 D3EFFA

FFFFFF

 D3EFFA

 B7D3DD

 9CB7C2

 829CA6

 68828C

 506973

 38515A

 213A43

 0A242C

 000F18

 D3EFA

 D3EFA

 BAE8FA

 ECF6FA

 A1E1FA

 FFFDFA

 88DAFA

 FFFFFA

 6FD3FA

 56CCFA

 3DC5FA

 24BEFA

 0BB7FA

 00B3FA

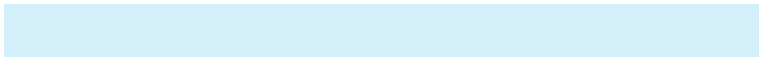
# Harmonies

## Analogous

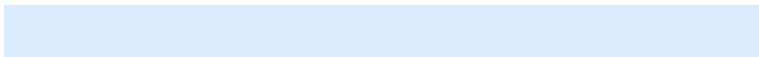
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D1F1F1



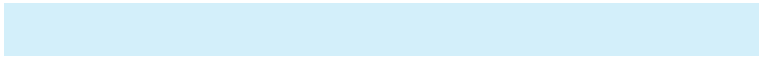
D3E9FA



DCECFE

# Triad

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



D3EFFA



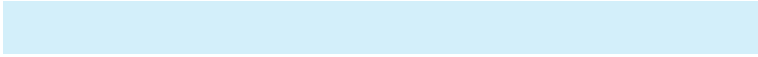
FEE4EE



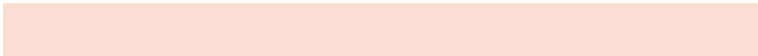
EBECD7

# Complementary

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



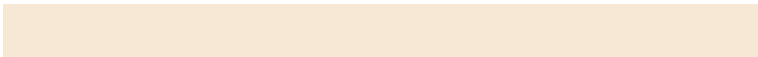
D3EFFA



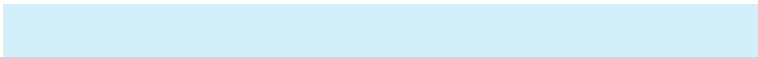
FADED3

# 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.



F7E8D6



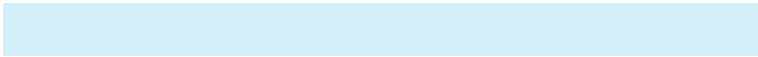
D3E9FA



FFE4E3

# Square

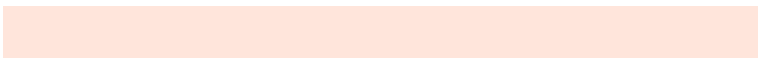
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



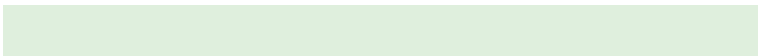
D3EFFA



F5E6F8



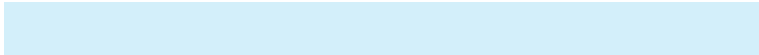
FFE5DB



DFEFDD

# Rectangle

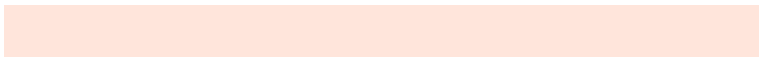
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3E9FA



E4E9FF



FFE5DB

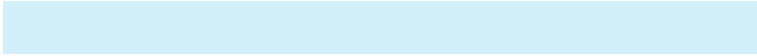


EFEBD6

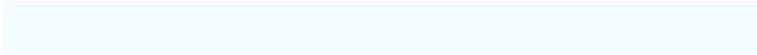


# Sweetspot

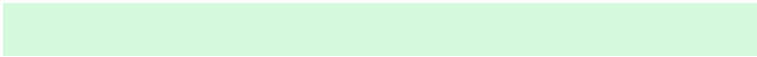
The Sweet Spot groups the original color and five complimentary colors.



D3E9FA



F2FBFF



D3FADD



787D80



000000

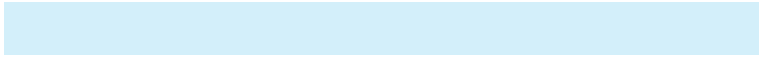


808080

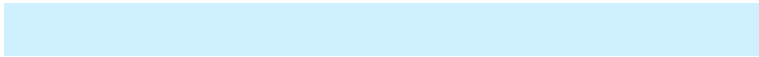


# Same Dimension

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



D3EFFA



CFF1FF



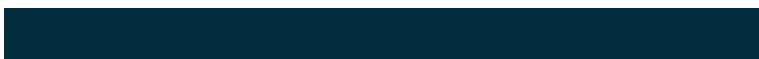
D3DCFA



70797D



0087BD



002C3D



# Inverse Universe

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



FAD3EF



FFCFF1



FAF1D3



7D7079



BD0087

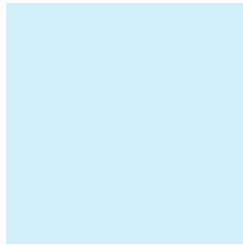


3D002C



# Previews

## White Background



This preview shows how the Hex color D3EFFA looks on a white background.

## Color Contrast Check

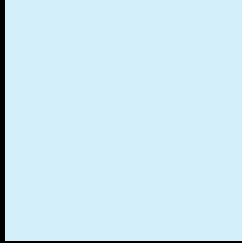
Large Text (above 18pt) WCAG AA × Fail

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 D3EFFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

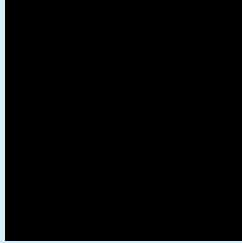
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

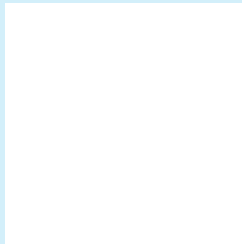
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3EFFA Background



This preview shows how black text looks on a background with the Hex color D3EFA.

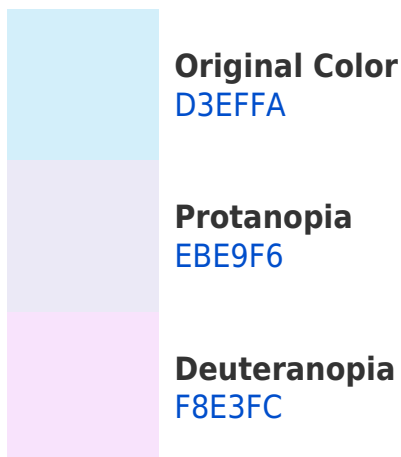


This preview shows how white text looks on a background with the Hex color D3EFA.

# 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](#).

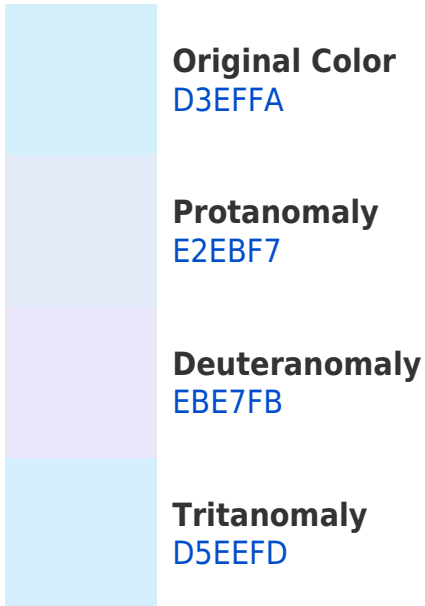
## Dichromacy



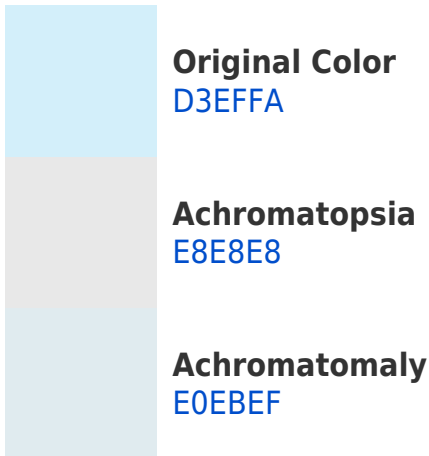


**Tritanopia**  
D6EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3EFFA 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 #D3EFFA looks like.

```
.text, #text, p{  
    color:#D3EFFA  
}
```

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 #D3EFFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3EFFA
}
```

## Border

The CSS property to change the border of an element to Hex D3EFFA 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
#D3EFFA }
```

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

```
.border{ border-color:#D3EFFA }
```

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

Here you see how a box with a 4 pixel #D3EFFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3EFFA; -webkit-box-shadow:4px 4px  
4px 4px #D3EFFA; box-shadow:4px 4px 4px  
4px #D3EFFA }
```

# Background

The CSS property to change the background color of an element to Hex D3E9FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3E9FA }
```

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

```
.background{ background-color:#D3E9FA }
```

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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