

# Converting Colors

Hex(E3D9FC)

Have a look what the booklet for  
Hex(E3D9FC) contains.

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# **Color**

**Hex(E3D9FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3D9FC
RGB	227, 217, 252
RGB Percent	89%, 85%, 99%
CMY	0.1098, 0.1490, 0.0118
CMYK	0.10, 0.14, 0.00, 0.01
HSL	257°, 85%, 92%
HSV	257°, 14%, 99%
XYZ	74.0621, 72.9849, 102.2795
YIQ	223.9800, -5.2750, 13.0050

# Conversions

## Conversions Part 2

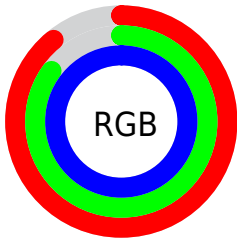
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 217, 252
Decimal	14932476
CIE Lab	88.44, 9.93, -15.80
CIE LCh	88, 18.663, 302.143
Yxy	72.9849, 0.2970, 0.2927
Android (android.graphics.Color)	4293122556 (0xFFE3D9FC)
YUV	223.9800, 13.8139, 2.6485
Hunter-Lab	85.4312, 5.2408, -11.1810

# Details

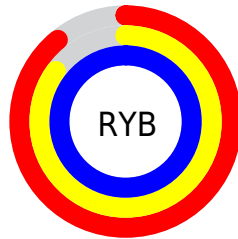
The Hex color **E3D9FC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2FCD9**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **ABA2C3** is the 20% darker color. If you saturate the color by 10%, you get **D1C0FC**, and if you desaturate by 10%, it is **F5F2FC**.

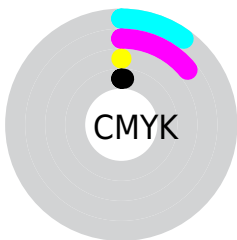
# Distribution



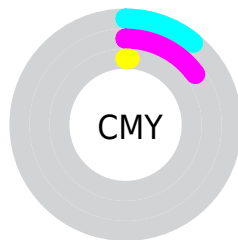
- Red (89%)
- Green (85%)
- Blue (99%)



- Red (89%)
- Yellow (85%)
- Blue (99%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (15%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3D9FC 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 E3D9FC by changing the saturation by 10% instead.



 E3D9FC

FFFFFF

 E3D9FC

 C7BDDF

 ABA2C3

 9188A8

 776F8E

 5E5674

 463F5B

 2F2944

 1A152D

 000019

 E3D9FC

 E3D9FC

 D1C0FC

 F5F2FC

 BFA7FC

 FFFFFC

 AD8DFC

 9B74FC

 895BFC

 7742FC

 6529FC

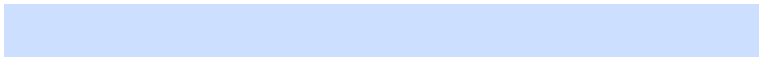
 530FFC

 4800FC

# Harmonies

## Analogous

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



CCDFFF



E3D9FC



F6D4EF

# Triad

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



E3D9FC



FBD7BF



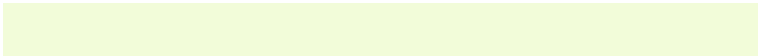
B4E8DF

# Complementary

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



E3D9FC



F2FCD9

# 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.



C3E7CD



E3D9FC



EBDDBB

# Square

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



E3D9FC



FFD3CC



D7E3C0



B0E8F0

# Rectangle

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



E3D9FC



FFD2E3



D7E3C0



B8E8D8



# Sweetspot

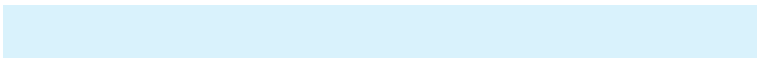
The Sweet Spot groups the original color and five complimentary colors.



E3D9FC



F8F5FF



D9F2FC



7B7980



000000



808080



# Same Dimension

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



E3D9FC



E0D4FF



F4D9FC



74707D



3600BD



11003D



# Inverse Universe

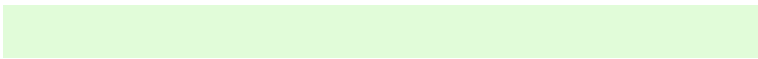
The Inverse Universe completely reimagines the original color for something new.



FCD9F2



FFD4F3



E1FCD9



7D7079



BD0087

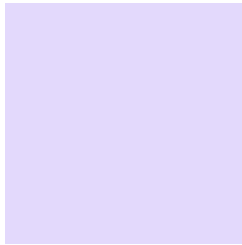


3D002C



# Previews

## White Background



This preview shows how the Hex color E3D9FC looks on a white background.

## Color Contrast Check

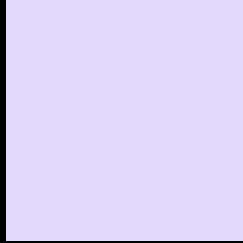
Large Text (above 18pt) WCAG AA × Fail

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 E3D9FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

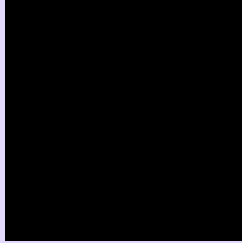
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3D9FC Background



This preview shows how black text looks on a background with the Hex color E3D9FC.



This preview shows how white text looks on a background with the Hex color E3D9FC.

# 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**  
E1DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3D9FC 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 #E3D9FC looks like.

```
.text, #text, p{  
    color:#E3D9FC  
}
```

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 #E3D9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D9FC
}
```

## Border

The CSS property to change the border of an element to Hex E3D9FC 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
#E3D9FC }
```

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

```
.border{ border-color:#E3D9FC }
```

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

Here you see how a box with a 4 pixel #E3D9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D9FC; -webkit-box-shadow:4px 4px  
4px 4px #E3D9FC; box-shadow:4px 4px 4px  
4px #E3D9FC }
```

# Background

The CSS property to change the background color of an element to Hex E3D9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D9FC }
```

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

```
.background{ background-color:#E3D9FC }
```

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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