

# Converting Colors

Hex(E7DEFF)

Have a look what the booklet for  
Hex(E7DEFF) contains.

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# **Color**

**Hex(E7DEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DEFF
RGB	231, 222, 255
RGB Percent	91%, 87%, 100%
CMY	0.0941, 0.1294, 0.0000
CMYK	0.09, 0.13, 0.00, 0.00
HSL	256°, 100%, 94%
HSV	256°, 13%, 100%
XYZ	77.1263, 76.4515, 105.2994
YIQ	228.4530, -5.2290, 12.1710

# Conversions

## Conversions Part 2

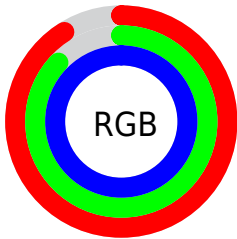
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 222, 255
Decimal	15195903
CIE Lab	90.07, 9.17, -14.90
CIE LCh	90, 17.500, 301.606
Yxy	76.4515, 0.2979, 0.2953
Android (android.graphics.Color)	4293385983 (0xFFE7DEFF)
YUV	228.4530, 13.0877, 2.2337
Hunter-Lab	87.4365, 4.4379, -10.1971

# Details

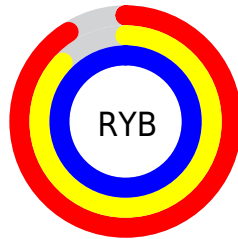
The Hex color **E7DEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F6FFDE**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA7C6** is the 20% darker color. If you saturate the color by 10%, you get **D4C5FF**, and if you desaturate by 10%, it is **FAF8FF**.

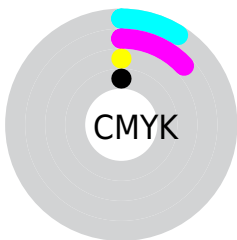
# Distribution



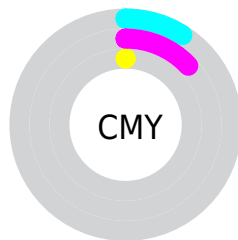
- Red (91%)
- Green (87%)
- Blue (100%)



- Red (91%)
- Yellow (87%)
- Blue (100%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7DEFF 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 E7DEFF by changing the saturation by 10% instead.



 E7DEFF

FFFFFF

 E7DEFF

 CBC2E2

 AFA7C6

 958DAB

 7B7390

 625A77

 4A435E

 332D46

 1D1830

 07001B

 E7DEFF

 E7DEFF

 D4C5FF

 FAF8FF

 C2ABFF

FFFFFF

 AF92FF

 9D78FF

 8A5FFF

 7845FF

 652CFF

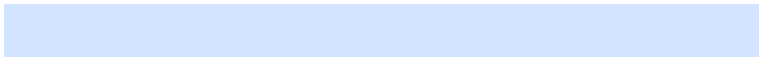
 5312FF

 4600FF

# Harmonies

## Analogous

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



D2E4FF



E7DEFF



F9D9F3

# Triad

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



E7DEFF



FEDCC6



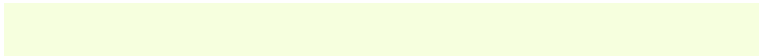
BCECE3

# Complementary

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



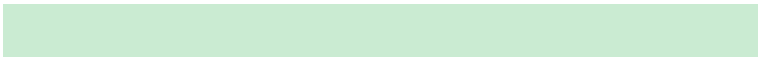
E7DEFF



F6FFDE

# Split Complementary

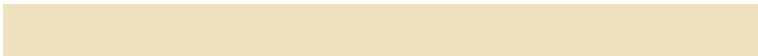
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CAEBD2



E7DEFF



EFE2C1

# Square

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



E7DEFF



FFD8D2



DCE7C6



B7ECF3

# Rectangle

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



E7DEFF



FFD7E8



DCE7C6



C0ECDD



# Sweetspot

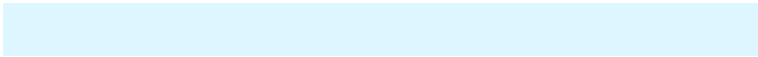
The Sweet Spot groups the original color and five complimentary colors.



E7DEFF



F8F5FF



DEF6FF



7B7980



000000



808080



# Same Dimension

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



E7DEFF



E1D6FF



F7DEFF



767380



3400BF



110040



# Inverse Universe

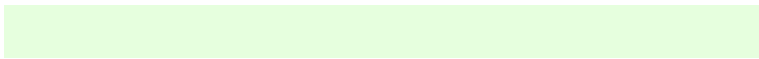
The Inverse Universe completely reimagines the original color for something new.



FFDEF6



FFD6F4



E6FFDE



80737C



BF008B

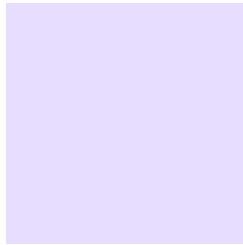


40002E



# Previews

## White Background



This preview shows how the Hex color E7DEFF looks on a white background.

## Color Contrast Check

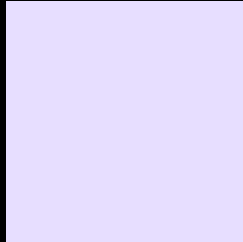
Large Text (above 18pt) WCAG AA × Fail

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 E7DEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

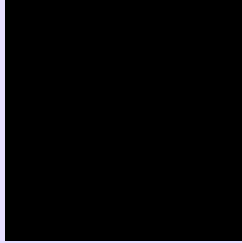
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7DEFF Background



This preview shows how black text looks on a background with the Hex color E7DEFF.

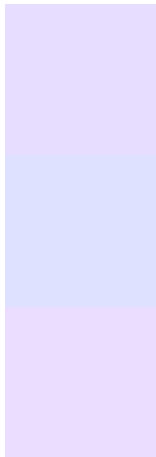


This preview shows how white text looks on a background with the Hex color E7DEFF.

# 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**  
E7DEFF

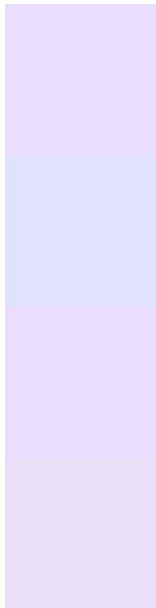
**Protanopia**  
DEE1FF

**Deuteranopia**  
EBDDFF



**Tritanopia**  
E5E0F2

# Trichromacy



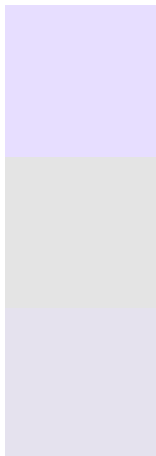
**Original Color**  
E7DEFF

**Protanomaly**  
E1E0FF

**Deuteranomaly**  
EADDFE

**Tritanomaly**  
E6DFF7

# Monochromacy



**Original Color**  
E7DEFF

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E5E2EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7DEFF 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 #E7DEFF looks like.

```
.text, #text, p{  
    color:#E7DEFF  
}
```

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 #E7DEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7DEFF
}
```

## Border

The CSS property to change the border of an element to Hex E7DEFF 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
#E7DEFF }
```

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

```
.border{ border-color:#E7DEFF }
```

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

Here you see how a box with a 4 pixel #E7DEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7DEFF; -webkit-box-shadow:4px 4px  
4px 4px #E7DEFF; box-shadow:4px 4px 4px  
4px #E7DEFF }
```

# Background

The CSS property to change the background color of an element to Hex E7DEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7DEFF }
```

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

```
.background{ background-color:#E7DEFF }
```

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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