

# Converting Colors

Hex(E5DEFF)

Have a look what the booklet for  
Hex(E5DEFF) contains.

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# **Color**

**Hex(E5DEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DEFF
RGB	229, 222, 255
RGB Percent	90%, 87%, 100%
CMY	0.1020, 0.1294, 0.0000
CMYK	0.10, 0.13, 0.00, 0.00
HSL	253°, 100%, 94%
HSV	253°, 13%, 100%
XYZ	76.4844, 76.1206, 105.2693
YIQ	227.8550, -6.4210, 11.7470

# Conversions

## Conversions Part 2

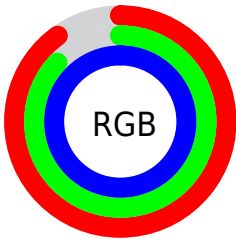
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 222, 255
Decimal	15064831
CIE Lab	89.92, 8.53, -15.15
CIE LCh	90, 17.389, 299.395
Yxy	76.1206, 0.2966, 0.2952
Android (android.graphics.Color)	4293254911 (0xFFE5DEFF)
YUV	227.8550, 13.3825, 1.0042
Hunter-Lab	87.2471, 3.7980, -10.4643

# Details

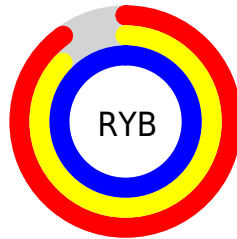
The Hex color **E5DEFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8FFDE**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **ADA7C6** is the 20% darker color. If you saturate the color by 10%, you get **D1C5FF**, and if you desaturate by 10%, it is **F9F8FF**.

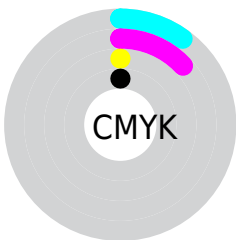
# Distribution



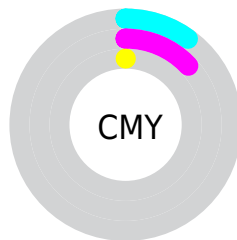
- Red (90%)
- Green (87%)
- Blue (100%)



- Red (90%)
- Yellow (87%)
- Blue (100%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5DEFF 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 E5DEFF by changing the saturation by 10% instead.



 E5DEFF

FFFFFF

 E5DEFF

 C9C2E2

 ADA7C6

 938DAB

 797390

 605B77

 48435E

 312D46

 1B1830

 04001B

 E5DEFF

 E5DEFF

 D1C5FF

 F9F8FF

 BDABFF

FFFFFF

 A992FF

 9578FF

 815FFF

 6C45FF

 582CFF

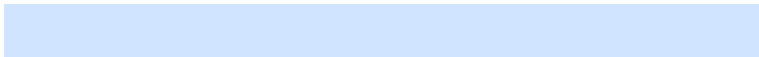
 4412FF

 3600FF

# Harmonies

## Analogous

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



D0E4FF



E5DEFF



F8D9F3

# Triad

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



E5DEFF



FEDBC6



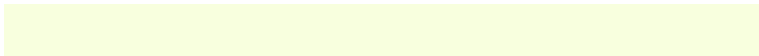
BCECE1

# Complementary

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



E5DEFF



F8FFDE

# 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.



CBEAD1



E5DEFF



F0E1C1

# Square

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



E5DEFF



FFD8D3



DDE6C5



B7EBF2

# Rectangle

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



E5DEFF



FFD7E9



DDE6C5



C0ECDB



# Sweetspot

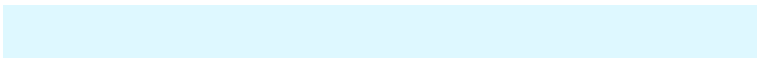
The Sweet Spot groups the original color and five complimentary colors.



E5DEFF



F7F5FF



DEF8FF



7A7980



000000



808080



# Same Dimension

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



E5DEFF



DFD6FF



F5DEFF



757380



2900BF



0E0040



# Inverse Universe

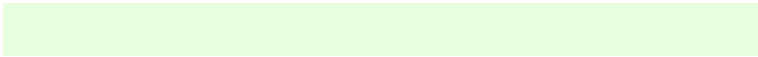
The Inverse Universe completely reimagines the original color for something new.



FFDEF8



FFD6F6



E8FFDE



80737D



BF0097

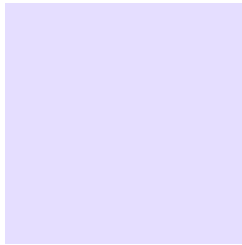


400032



# Previews

## White Background



This preview shows how the Hex color E5DEFF looks on a white background.

## Color Contrast Check

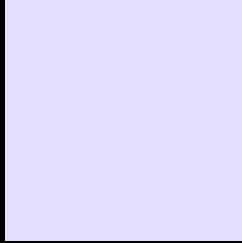
Large Text (above 18pt) WCAG AA × Fail

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 E5DEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

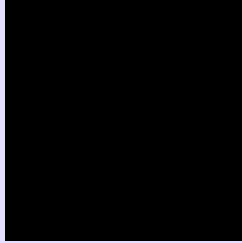
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5DEFF Background



This preview shows how black text looks on a background with the Hex color E5DEFF.



This preview shows how white text looks on a background with the Hex color E5DEFF.

# 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](#).

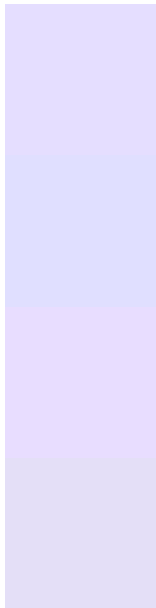
## Dichromacy





**Tritanopia**  
E3E0F2

# Trichromacy



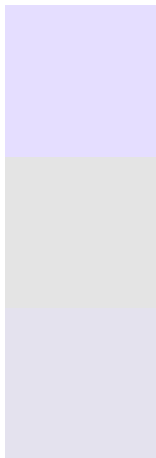
**Original Color**  
E5DEFF

**Protanomaly**  
E0DFFF

**Deuteranomaly**  
E8DFFF

**Tritanomaly**  
E4DFF7

# Monochromacy



**Original Color**  
E5DEFF

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E4E2EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5DEFF 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 #E5DEFF looks like.

```
.text, #text, p{  
    color:#E5DEFF  
}
```

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 #E5DEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DEFF
}
```

## Border

The CSS property to change the border of an element to Hex E5DEFF 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
#E5DEFF }
```

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

```
.border{ border-color:#E5DEFF }
```

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

Here you see how a box with a 4 pixel #E5DEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DEFF; -webkit-box-shadow:4px 4px  
4px 4px #E5DEFF; box-shadow:4px 4px 4px  
4px #E5DEFF }
```

# Background

The CSS property to change the background color of an element to Hex E5DEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DEFF }
```

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

```
.background{ background-color:#E5DEFF }
```

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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