

# Converting Colors

Hex(E6E0FF)

Have a look what the booklet for  
Hex(E6E0FF) contains.

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# **Color**

**Hex(E6E0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E0FF
RGB	230, 224, 255
RGB Percent	90%, 88%, 100%
CMY	0.0980, 0.1216, 0.0000
CMYK	0.10, 0.12, 0.00, 0.00
HSL	252°, 100%, 94%
HSV	252°, 12%, 100%
XYZ	77.3388, 77.3543, 105.4624
YIQ	229.3280, -6.3750, 10.9130

# Conversions

## Conversions Part 2

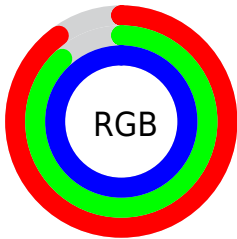
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 224, 255
Decimal	15130879
CIE Lab	90.48, 7.81, -14.29
CIE LCh	90, 16.283, 298.649
Yxy	77.3543, 0.2973, 0.2973
Android (android.graphics.Color)	4293320959 (0xFFE6E0FF)
YUV	229.3280, 12.6563, 0.5893
Hunter-Lab	87.9513, 3.0468, -9.5287

# Details

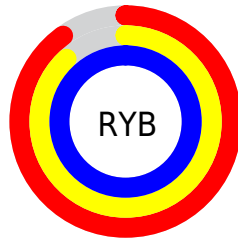
The Hex color **E6E0FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F9FFE0**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **AEA9C6** is the 20% darker color. If you saturate the color by 10%, you get **D1C7FF**, and if you desaturate by 10%, it is **FBFAFF**.

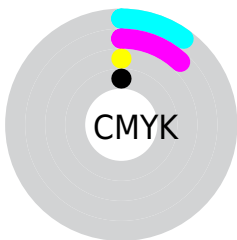
# Distribution



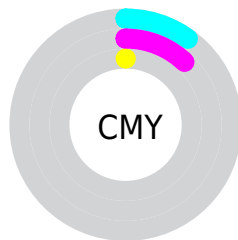
- Red (90%)
- Green (88%)
- Blue (100%)



- Red (90%)
- Yellow (88%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E0FF 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 E6E0FF by changing the saturation by 10% instead.



 E6E0FF

FFFFFF

 E6E0FF

 CAC4E2

 AEA9C6

 948EAB

 7A7590

 615C77

 49455E

 322E46

 1C1A30

 06001B

 E6E0FF

 E6E0FF

 D1C7FF

 FBFAFF

 BDADFF

FFFFFF

 A893FF

 947AFF

 7F61FF

 6B47FF

 562EFF

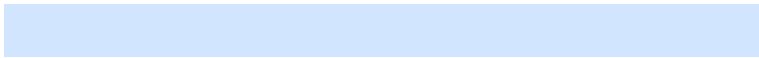
 4114FF

 3100FF

# Harmonies

## Analogous

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



D2E5FF



E6E0FF



F8DBF4

# Triad

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



E6E0FF



FFDDCA



C1EDE2

# Complementary

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



E6E0FF



F9FFE0

# 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.



CEEBD3



E6E0FF



F1E2C5

# Square

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



E6E0FF



FFDAD5



E0E7C8



BCECF2

# Rectangle

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



E6E0FF



FFDAEA



E0E7C8



C4EDDD



# Sweetspot

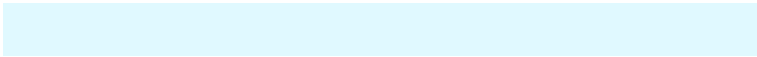
The Sweet Spot groups the original color and five complimentary colors.



E6E0FF



F7F5FF



E0F9FF



7A7980



000000



808080



# Same Dimension

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



E6E0FF



E0D9FF



F5E0FF



757380



2500BF



0C0040



# Inverse Universe

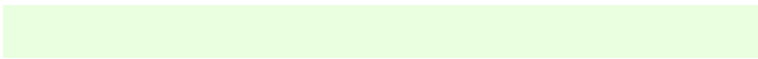
The Inverse Universe completely reimagines the original color for something new.



FFE0F9



FFD9F8



EAFFE0



80737D



BF009A



400033



# Previews

## White Background



This preview shows how the Hex color E6E0FF looks on a white background.

## Color Contrast Check

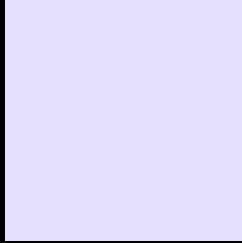
Large Text (above 18pt) WCAG AA × Fail

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 E6E0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

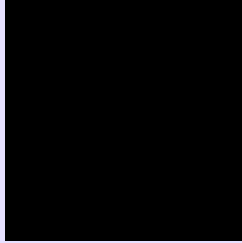
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6E0FF Background



This preview shows how black text looks on a background with the Hex color E6E0FF.



This preview shows how white text looks on a background with the Hex color E6E0FF.

# 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](#).

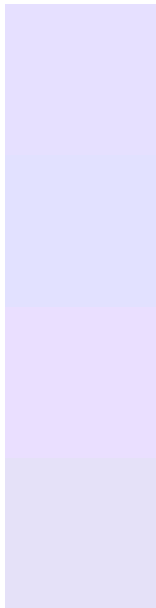
## Dichromacy

	<b>Original Color</b> E6E0FF
	<b>Protanopia</b> DFE2FF
	<b>Deuteranopia</b> EDDEFF



**Tritanopia**  
E4E2F4

# Trichromacy



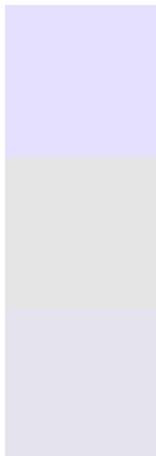
**Original Color**  
E6E0FF

**Protanomaly**  
E2E1FF

**Deuteranomaly**  
EADFFF

**Tritanomaly**  
E5E1F8

# Monochromacy



**Original Color**  
E6E0FF

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E5E3EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E0FF 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 #E6E0FF looks like.

```
.text, #text, p{  
    color:#E6E0FF  
}
```

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 #E6E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E0FF }  
}
```

## Border

The CSS property to change the border of an element to Hex E6E0FF 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 #E6E0FF }  
}
```

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

```
.border{ border-color:#E6E0FF }
```

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

Here you see how a box with a 4 pixel #E6E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E0FF; -webkit-box-shadow:4px 4px  
4px 4px #E6E0FF; box-shadow:4px 4px 4px  
4px #E6E0FF }
```

# Background

The CSS property to change the background color of an element to Hex E6E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E0FF }
```

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

```
.background{ background-color:#E6E0FF }
```

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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