

# Converting Colors

Hex(E6E6FD)

Have a look what the booklet for  
Hex(E6E6FD) contains.

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# **Color**

**Hex(E6E6FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E6FD
RGB	230, 230, 253
RGB Percent	90%, 90%, 99%
CMY	0.0980, 0.0980, 0.0078
CMYK	0.09, 0.09, 0.00, 0.01
HSL	240°, 85%, 95%
HSV	240°, 9%, 99%
XYZ	78.6596, 80.5085, 104.3224
YIQ	232.6220, -7.3830, 7.1530

# Conversions

## Conversions Part 2

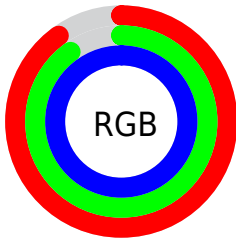
Format	Color
R <sub>Y</sub> B	230, 230, 253
Decimal	15132413
CIE Lab	91.91, 4.29, -11.11
CIE LCh	92, 11.912, 291.127
Yxy	80.5085, 0.2985, 0.3055
Android (android.graphics.Color)	4293322493 (0xFFE6E6FD)
YUV	232.6220, 10.0464, -2.2995
Hunter-Lab	89.7265, -0.5378, -6.1262

# Details

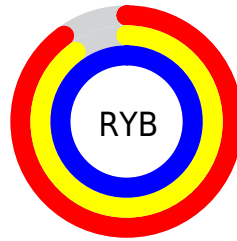
The Hex color **E6E6FD** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FDDE6**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **AEAFC4** is the 20% darker color. If you saturate the color by 10%, you get **CDCDFD**, and if you desaturate by 10%, it is **FFFFFFD**.

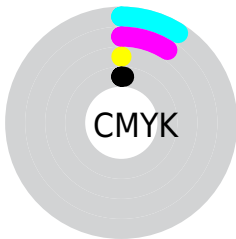
# Distribution



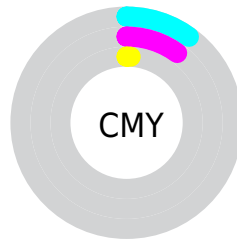
- Red (90%)
- Green (90%)
- Blue (99%)



- Red (90%)
- Yellow (90%)
- Blue (99%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (10%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E6FD 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 E6E6FD by changing the saturation by 10% instead.



 E6E6FD

FFFFFF

 E6E6FD

 CACAE0

 AEAFC4

 9494A9

 7A7A8F

 616175

 494A5C

 323345

 1D1E2F

 05051A

 E6E6FD

 E6E6FD

 CDCDFD

FFFFFFD

 B3B3FD

 9A9AFD

 8181FD

 6868FD

 4E4EFD

 3535FD

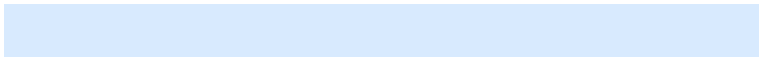
 1C1CFD

 0202FD

# Harmonies

## Analogous

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



D8EAFE



E6E6FD



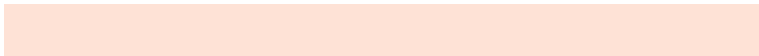
F4E3F6

# Triad

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



E6E6FD



FEE2D6



D1EEE4

# Complementary

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



E6E6FD



FDDE6

# 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.



DBEDD9



E6E6FD



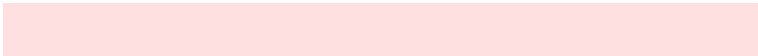
F5E6D1

# Square

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



E6E6FD



FFE0E0



E8EAD2



CCEFF0

# Rectangle

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



E6E6FD



FBE1EF



E8EAD2



D4EEE0



# Sweetspot

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



E6E6FD



F7F7FF



E6DFD



7A7A80



000000



808080



# Same Dimension

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



E6E6FD



E3E3FF



F2E6FD



737380



0000BF



000040



# Inverse Universe

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



FDE6FD



FFE3FF



F2FDE6



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color E6E6FD looks on a white background.

## Color Contrast Check

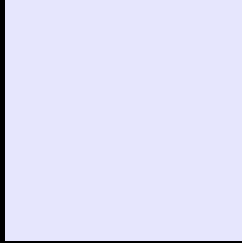
Large Text (above 18pt) WCAG AA × Fail

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 E6E6FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

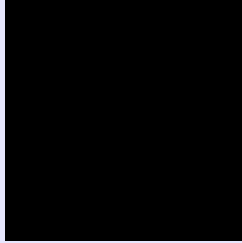
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E6E6FD Background



This preview shows how black text looks on a background with the Hex color E6E6FD.

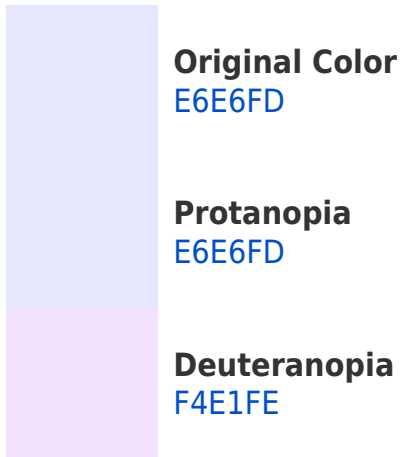


This preview shows how white text looks on a background with the Hex color E6E6FD.

# 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](#).

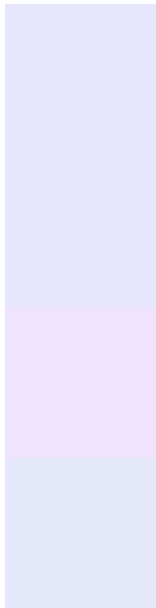
## Dichromacy





**Tritanopia**  
E5E7F9

# Trichromacy



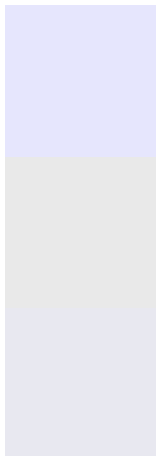
**Original Color**  
E6E6FD

**Protanomaly**  
E6E6FD

**Deuteranomaly**  
EFE3FE

**Tritanomaly**  
E5E7FA

# Monochromacy



**Original Color**  
E6E6FD

**Achromatopsia**  
E9E9E9

**Achromatomaly**  
E8E8F0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E6FD 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 #E6E6FD looks like.

```
.text, #text, p{  
    color:#E6E6FD  
}
```

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 #E6E6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E6FD
}
```

## Border

The CSS property to change the border of an element to Hex E6E6FD 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
#E6E6FD }
```

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

```
.border{ border-color:#E6E6FD }
```

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

Here you see how a box with a 4 pixel #E6E6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E6FD; -webkit-box-shadow:4px 4px  
4px 4px #E6E6FD; box-shadow:4px 4px 4px  
4px #E6E6FD }
```

# Background

The CSS property to change the background color of an element to Hex E6E6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E6FD }
```

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

```
.background{ background-color:#E6E6FD }
```

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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