

# Converting Colors

Hex(E0E1FF)

Have a look what the booklet for  
Hex(E0E1FF) contains.

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# **Color**

**Hex(E0E1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E1FF
RGB	224, 225, 255
RGB Percent	88%, 88%, 100%
CMY	0.1216, 0.1176, 0.0000
CMYK	0.12, 0.12, 0.00, 0.00
HSL	238°, 100%, 94%
HSV	238°, 12%, 100%
XYZ	75.7157, 76.9177, 105.4637
YIQ	228.1210, -10.2260, 9.1180

# Conversions

## Conversions Part 2

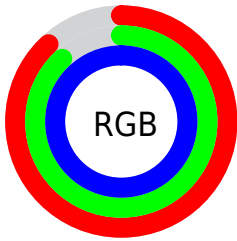
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 225, 255
Decimal	14737919
CIE <sub>Lab</sub>	90.28, 5.38, -14.64
CIE <sub>LCh</sub>	90, 15.595, 290.194
Yxy	76.9177, 0.2934, 0.2980
Android (android.graphics.Color)	4292927999 (0xFFE0E1FF)
YUV	228.1210, 13.2513, -3.6141
Hunter-Lab	87.7027, 0.6231, -9.9051

# Details

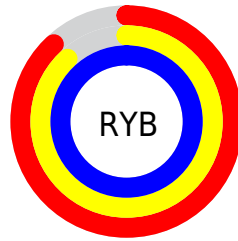
The Hex color `E0E1FF` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FFEE0`, and the grayscale version is `E4E4E4`.

A 20% lighter version of the original color is `FFFFFF`, and `A9AAC6` is the 20% darker color. If you saturate the color by 10%, you get `C7C8FF`, and if you desaturate by 10%, it is `FAFAFF`.

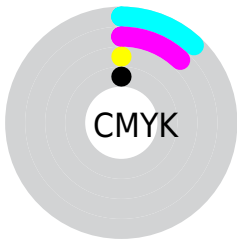
# Distribution



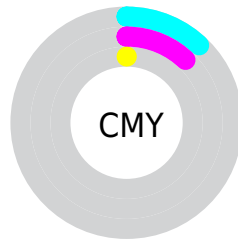
- Red (88%)
- Green (88%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E0E1FF 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 E0E1FF by changing the saturation by 10% instead.



 E0E1FF

FFFFFF

 E0E1FF

 C4C5E2

 A9AAC6


 8E8FAB

 747690

 5B5D77

 44465E

 2D2F46

 171B30

 00001B

 E0E1FF

 E0E1FF

 C7C8FF

 FAF AFF

 ADB0FF

FFFFFF

 9397FF

 7A7EFF

 6166FF

 474DFF

 2E34FF

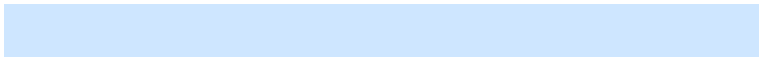
 141CFF

 0008FF

# Harmonies

## Analogous

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



CEE6FF



E0E1FF



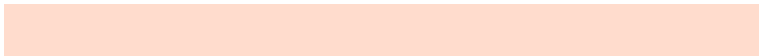
F2DCF6

# Triad

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



E0E1FF



FFDCCD



C5ECDE

# Complementary

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



E0E1FF



FFFEE0

# 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.



D3E9D0



E0E1FF



F4E0C6

# Square

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



E0E1FF



FFD9D9



E4E5C7



BDECED

# Rectangle

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



E0E1FF



FBDAEE



E4E5C7



C9EBD9



# Sweetspot

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



E0E1FF



F5F5FF



E0FFFE



797980



000000



808080



# Same Dimension

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



E0E1FF



D9DAFF



EEE0FF



737380



0006BF



000240



# Inverse Universe

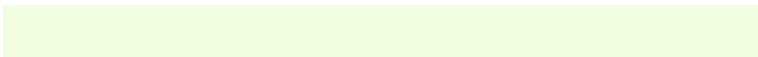
The Inverse Universe completely reimagines the original color for something new.



FFE0E1



FFD9DA



F1FFE0



807373



BF0006

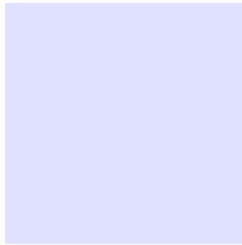


400002



# Previews

## White Background



This preview shows how the Hex color E0E1FF looks on a white background.

## Color Contrast Check

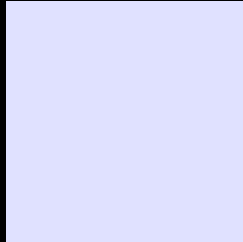
Large Text (above 18pt) WCAG AA × Fail

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 E0E1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

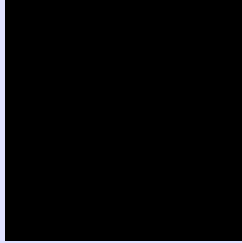
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0E1FF Background



This preview shows how black text looks on a background with the Hex color E0E1FF.

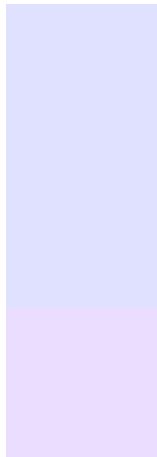


This preview shows how white text looks on a background with the Hex color E0E1FF.

# 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**  
E0E1FF

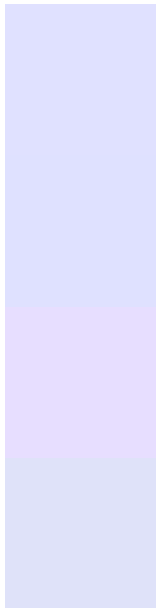
**Protanopia**  
DFE1FF

**Deuteranopia**  
EBDDFF



**Tritanopia**  
DEE3F5

# Trichromacy



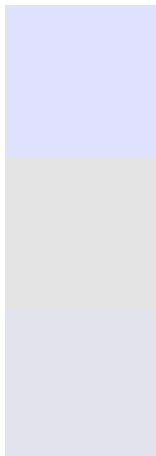
**Original Color**  
E0E1FF

**Protanomaly**  
DFE1FF

**Deuteranomaly**  
E7DEFF

**Tritanomaly**  
DFE2F9

# Monochromacy



**Original Color**  
E0E1FF

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E3E3EE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0E1FF 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 #E0E1FF looks like.

```
.text, #text, p{  
    color:#E0E1FF  
}
```

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 #E0E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E1FF
}
```

## Border

The CSS property to change the border of an element to Hex E0E1FF 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
#E0E1FF }
```

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

```
.border{ border-color:#E0E1FF }
```

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

Here you see how a box with a 4 pixel #E0E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E1FF; -webkit-box-shadow:4px 4px  
4px 4px #E0E1FF; box-shadow:4px 4px 4px  
4px #E0E1FF }
```

# Background

The CSS property to change the background color of an element to Hex E0E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E1FF }
```

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

```
.background{ background-color:#E0E1FF }
```

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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