

# Converting Colors

Hex(E6EEFF)

Have a look what the booklet for  
Hex(E6EEFF) contains.

<b>Hex(E6EEFF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E6EEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6EEFF
RGB	230, 238, 255
RGB Percent	90%, 93%, 100%
CMY	0.0980, 0.0667, 0.0000
CMYK	0.10, 0.07, 0.00, 0.00
HSL	221°, 100%, 95%
HSV	221°, 10%, 100%
XYZ	81.2577, 85.1921, 106.7687
YIQ	237.5460, -10.2250, 3.5910

# Conversions

## Conversions Part 2

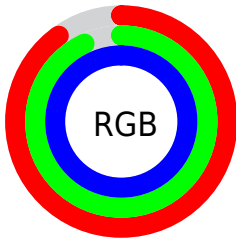
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 236, 255
Decimal	15134463
CIE Lab	93.97, 0.56, -9.10
CIE LCh	94, 9.118, 273.495
Yxy	85.1921, 0.2974, 0.3118
Android (android.graphics.Color)	4293324543 (0xFFE6EEFF)
YUV	237.5460, 8.6048, -6.6178
Hunter-Lab	92.2995, -4.3783, -3.9748

# Details

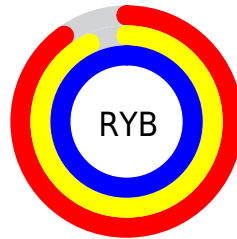
The Hex color **E6EEFF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FFF7E6**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **AEB6C6** is the 20% darker color. If you saturate the color by 10%, you get **CDDDFE**, and if you desaturate by 10%, it is **FFFFFF**.

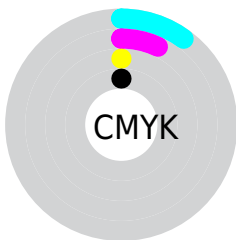
# Distribution



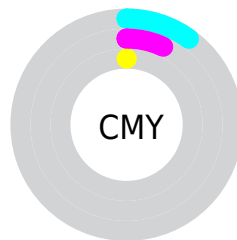
- Red (90%)
- Green (93%)
- Blue (100%)



- Red (90%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6EEFF 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 E6EEFF by changing the saturation by 10% instead.



 E6EEFF

FFFFFF

 E6EEFF

 CAD2E2

 AEB6C6

 949BAB

 7A8191

 616877

 49505E

 323947

 1D2430

 050E1B

 E6EEFF

 E6EEFF

 CDDDFE

FFFFFF

 B3CBFF

 9ABAFF


 80A9FF

 6797FF

 4D86FF

 3475FF

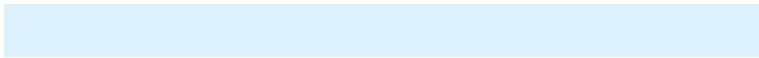
 1A63FF

 0152FF

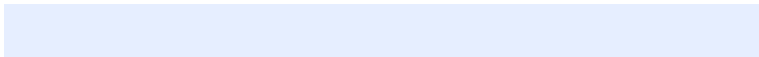
# Harmonies

## Analogous

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



DDF1FD



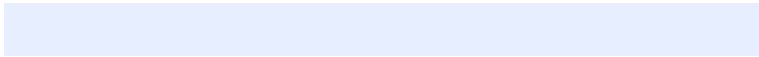
E6EEFF



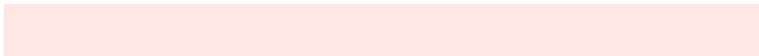
F1EBFC

# Triad

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



E6EEFF



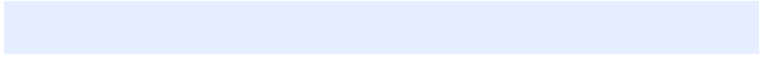
FFE8E4



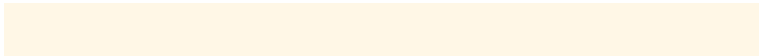
E0F2E6

# Complementary

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



E6EEFF



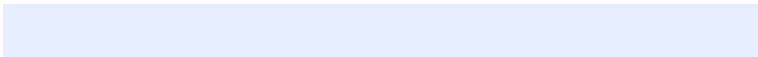
FFF7E6

# Split Complementary

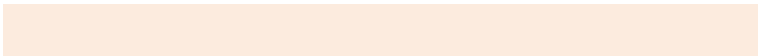
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAF0DF



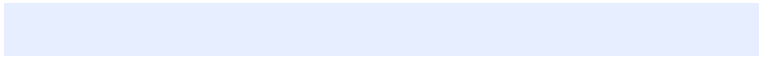
E6EEFF



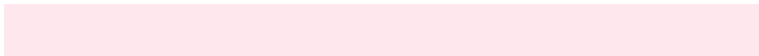
FCEBDE

# Square

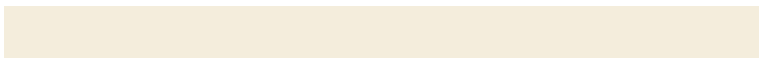
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6EEFF



FFE8ED



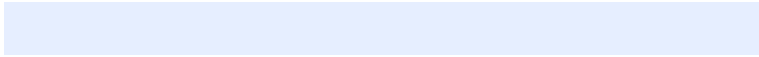
F4EDDC



DAF3EE

# Rectangle

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



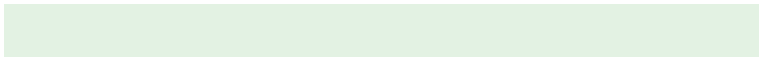
E6EEFF



F8E9F8



F4EDDC

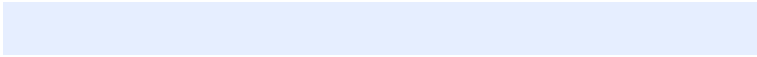


E3F2E3

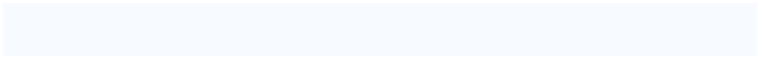


# Sweetspot

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



E6EEFF



F7FAFF



E6FFF7



7A7C80



000000



808080



# Same Dimension

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



E6EEFF



E0EAFB



EAE6FF



737780



003DBF



001440



# Inverse Universe

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



FFE6EE



FFE0EA



FBFFE6



807377



BF003D

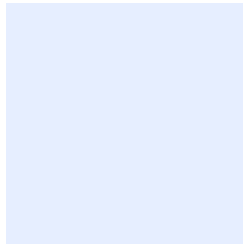


400014



# Previews

## White Background



This preview shows how the Hex color E6EEFF looks on a white background.

## Color Contrast Check

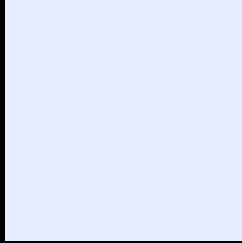
Large Text (above 18pt) WCAG AA × Fail

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 E6EEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

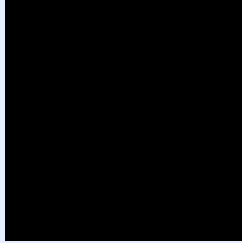
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

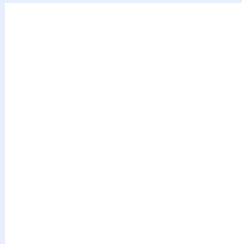
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6EEFF Background



This preview shows how black text looks on a background with the Hex color E6EEFF.



This preview shows how white text looks on a background with the Hex color E6EEFF.

# Color Blindness Simulation

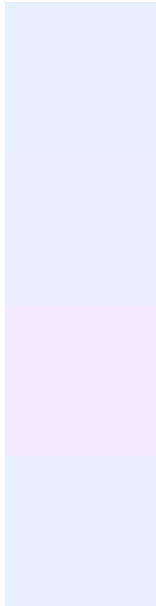
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



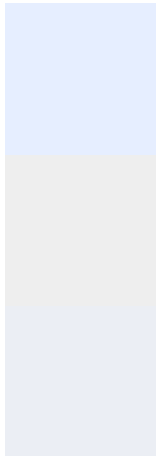
**Original Color**  
E6EEFF

**Protanomaly**  
EAEDFE

**Deuteranomaly**  
F3EAFF

**Tritanomaly**  
E7EEFF

# Monochromacy



**Original Color**  
E6EEFF

**Achromatopsia**  
EEEEEE

**Achromatomaly**  
EBEEF4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6EEFF 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 #E6EEFF looks like.

```
.text, #text, p{  
    color:#E6EEFF  
}
```

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 #E6EEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6EEFF
}
```

## Border

The CSS property to change the border of an element to Hex E6EEFF 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
#E6EEFF }
```

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

```
.border{ border-color:#E6EEFF }
```

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

Here you see how a box with a 4 pixel #E6EEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6EEFF; -webkit-box-shadow:4px 4px  
4px 4px #E6EEFF; box-shadow:4px 4px 4px  
4px #E6EEFF }
```

# Background

The CSS property to change the background color of an element to Hex E6EEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6EEFF }
```

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

```
.background{ background-color:#E6EEFF }
```

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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