

# Converting Colors

Hex(E9EEFD)

Have a look what the booklet for  
Hex(E9EEFD) contains.

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# **Color**

**Hex(E9EEFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9EEFD
RGB	233, 238, 253
RGB Percent	91%, 93%, 99%
CMY	0.0863, 0.0667, 0.0078
CMYK	0.08, 0.06, 0.00, 0.01
HSL	225°, 83%, 95%
HSV	225°, 8%, 99%
XYZ	81.9084, 85.5646, 105.1271
YIQ	238.2150, -7.7950, 3.6050

# Conversions

## Conversions Part 2

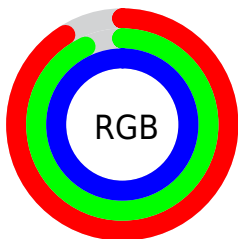
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	233, 237, 253
Decimal	15331069
CIE Lab	94.13, 1.13, -7.80
CIE LCh	94, 7.883, 278.238
Yxy	85.5646, 0.3005, 0.3139
Android (android.graphics.Color)	4293521149 (0xFFE9EEFD)
YUV	238.2150, 7.2890, -4.5736
Hunter-Lab	92.5011, -3.8177, -2.6320

# Details

The Hex color **E9EEFD** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FD8E9**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **B1B6C4** is the 20% darker color. If you saturate the color by 10%, you get **D0DBFD**, and if you desaturate by 10%, it is **FFFFFFD**.

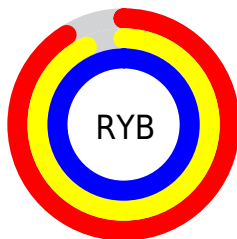
# Distribution



Red (91%)

Green (93%)

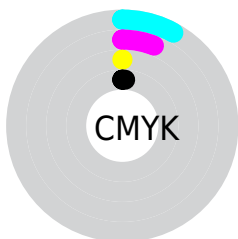
Blue (99%)



Red (91%)

Yellow (93%)

Blue (99%)

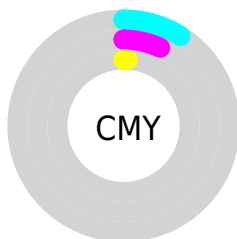


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (9%)

Magenta (7%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9EEFD 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 E9EEFD by changing the saturation by 10% instead.



 E9EEFD

 E9EEFD

FFFFFF

 CDD2E0

 B1B6C4

 979BA9

 7D818F

 646875

 4C505C

 353945

 1F242F

 090E1A

 E9EEFD

 E9EEFD

 D0DBFD

FFFFFFD

 B6C8FD

 9DB5FD

 84A2FD

 6B8FFD

 517CFD

 3869FD

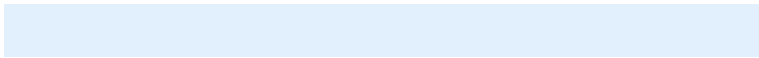
 1F56FD

 0543FD

# Harmonies

## Analogous

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



E1F0FC



E9EEFD



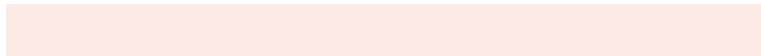
F2ECFA

# Triad

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



E9EEFD



FEEAE5



E1F2E8

# Complementary

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



E9EEFD



FDF8E9

# Split Complementary

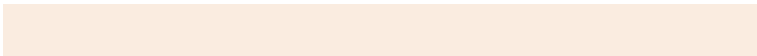
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAF1E2



E9EEFD



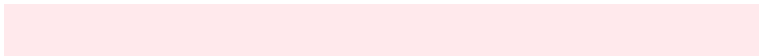
FAECE0

# Square

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



E9EEFD



FFE9EC



F2EEDF



DDF3F0

# Rectangle

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



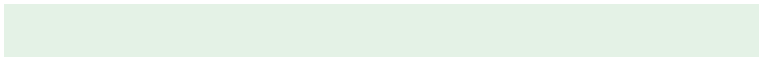
E9EEFD



F8EAF6



F2EEDF



E4F2E6



# Sweetspot

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



E9EEFD



FAFBFF



E9DF8



7D7E80



000000



808080



# Same Dimension

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



E9EEFD



E8EEFF



EEE9FD



737680



0030BF



001040



# Inverse Universe

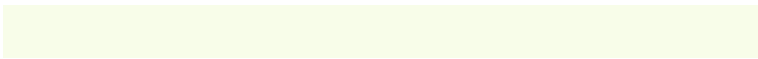
The Inverse Universe completely reimagines the original color for something new.



FDE9EE



FFE8EE



F8FDE9



807376



BF0030

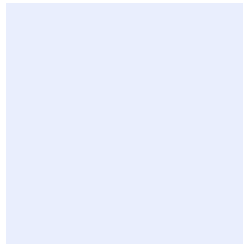


400010



# Previews

## White Background



This preview shows how the Hex color E9EEFD looks on a white background.

## Color Contrast Check

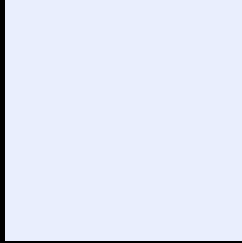
Large Text (above 18pt) WCAG AA × Fail

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 E9EEFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

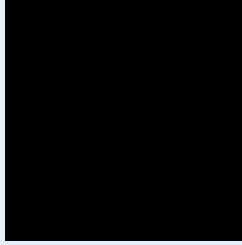
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

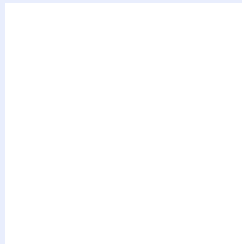
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9EEFD Background



This preview shows how black text looks on a background with the Hex color E9EEFD.



This preview shows how white text looks on a background with the Hex color E9EEFD.

# Color Blindness Simulation

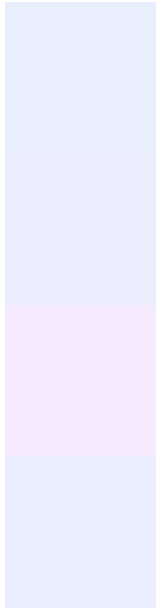
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



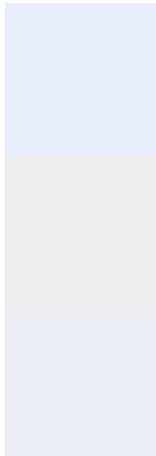
**Original Color**  
E9EEFD

**Protanomaly**  
ECEDFC

**Deuteranomaly**  
F6EAFE

**Tritanomaly**  
EAEEFE

# Monochromacy



**Original Color**  
E9EEFD

**Achromatopsia**  
EEEEEE

**Achromatomaly**  
ECEE33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9EEFD 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 #E9EEFD looks like.

```
.text, #text, p{  
    color:#E9EEFD  
}
```

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 #E9EEFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9EEFD
}
```

## Border

The CSS property to change the border of an element to Hex E9EEFD 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
#E9EEFD }
```

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

```
.border{ border-color:#E9EEFD }
```

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

Here you see how a box with a 4 pixel #E9EEFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9EEFD; -webkit-box-shadow:4px 4px  
4px 4px #E9EEFD; box-shadow:4px 4px 4px  
4px #E9EEFD }
```

# Background

The CSS property to change the background color of an element to Hex E9EEFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9EEFD }
```

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

```
.background{ background-color:#E9EEFD }
```

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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