

# Converting Colors

Hex(E698FF)

Have a look what the booklet for  
Hex(E698FF) contains.

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**Color**

**Hex(E698FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E698FF
RGB	230, 152, 255
RGB Percent	90%, 60%, 100%
CMY	0.0980, 0.4039, 0.0000
CMYK	0.10, 0.40, 0.00, 0.00
HSL	285°, 100%, 80%
HSV	285°, 40%, 100%
XYZ	61.9114, 46.4995, 100.3200
YIQ	187.0640, 13.4250, 48.5690

# Conversions

## Conversions Part 2

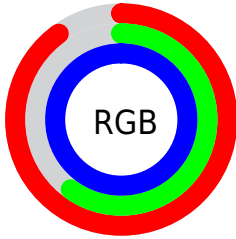
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 152, 255
Decimal	15112447
CIE <sub>Lab</sub>	73.87, 46.06, -39.67
CIE <sub>LCh</sub>	74, 60.788, 319.265
Yxy	46.4995, 0.2966, 0.2228
Android (android.graphics.Color)	4293302527 (0xFFE698FF)
YUV	187.0640, 33.4924, 37.6549
Hunter-Lab	68.1905, 42.7299, -39.4924

# Details

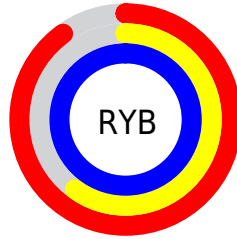
The Hex color **E698FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **B1FF98**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD0FF**, and **AD63C6** is the 20% darker color. If you saturate the color by 10%, you get **E07FFF**, and if you desaturate by 10%, it is **ECB2FF**.

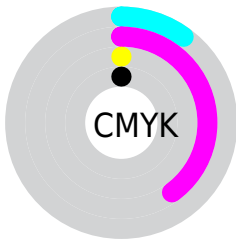
# Distribution



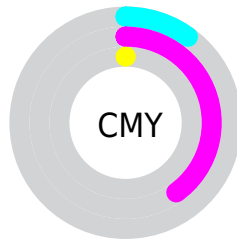
- Red (90%)
- Green (60%)
- Blue (100%)



- Red (90%)
- Yellow (60%)
- Blue (100%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E698FF 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 E698FF by changing the saturation by 10% instead.



 E698FF

FFFFFF

 FFD0FF

 FFECFF

 E698FF

 C97DE2

 AD63C6

 9149AA

 76308F

 5C1475

 42005C

 290044

 0A002D

 000117

 E698FF

 E698FF

 E07FFF

 ECB2FF

 DA65FF

 F2CBFF

 D34CFF

 F9E5FF

 CD32FF

FFFEFF

 C718FF

FFFFFF

 C100FF

# Harmonies

## Analogous

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



95AFFF



E698FF



FF86CC

# Triad

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



E698FF



E6AC43



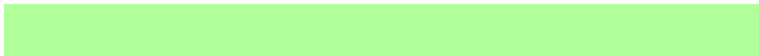
00D1D9

# Complementary

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



E698FF



B1FF98

# 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.



00D09F



E698FF



B2BE45

# Square

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



E698FF



FF9663



70CA69



00CDFE

# Rectangle

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



E698FF



FF84A6



70CA69



00D1C6



# Sweetspot

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



E698FF



F8E0FF



98B2FF



7B6E80



000000



808080



# Same Dimension

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



E698FF



E185FF



FF98E5



7C7380



9100BF



300040



# Inverse Universe

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



FF98B1



FF85A2



98FFB2



807376



BF002E



40000F



# Previews

## White Background



This preview shows how the Hex color E698FF looks on a white background.

## Color Contrast Check

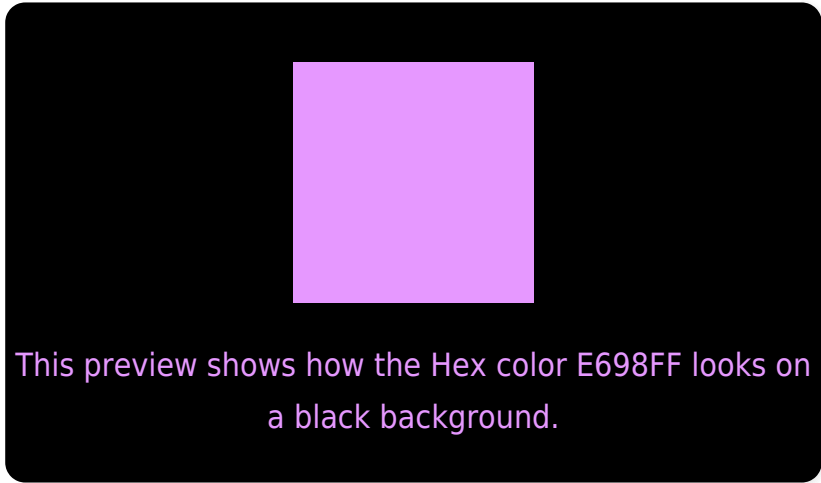
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 E698FF Background



This preview shows how black text looks on a background with the Hex color E698FF.

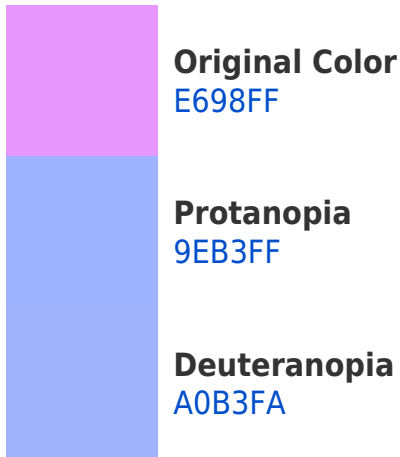


This preview shows how white text looks on a background with the Hex color E698FF.

# 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**  
DBA8B5

# Trichromacy



**Original Color**  
E698FF



**Protanomaly**  
B8A9FF



**Deuteranomaly**  
B9A9FC



**Tritanomaly**  
DFA2D0

# Monochromacy



**Original Color**  
E698FF



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
CBAED4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E698FF 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 #E698FF looks like.

```
.text, #text, p{  
    color:#E698FF  
}
```

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 #E698FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E698FF
}
```

## Border

The CSS property to change the border of an element to Hex E698FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

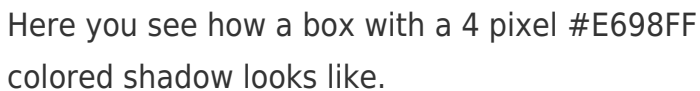
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E698FF }
```

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

```
.border{ border-color:#E698FF }
```

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



Here you see how a box with a 4 pixel #E698FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E698FF; -webkit-box-shadow:4px 4px  
4px 4px #E698FF; box-shadow:4px 4px 4px  
4px #E698FF }
```

# Background

The CSS property to change the background color of an element to Hex E698FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E698FF }
```

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

```
.background{ background-color:#E698FF }
```

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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