

# Converting Colors

Hex(E6A8FF)

Have a look what the booklet for  
Hex(E6A8FF) contains.

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# Color

**Hex(E6A8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A8FF
RGB	230, 168, 255
RGB Percent	90%, 66%, 100%
CMY	0.0980, 0.3412, 0.0000
CMYK	0.10, 0.34, 0.00, 0.00
HSL	283°, 100%, 83%
HSV	283°, 34%, 100%
XYZ	64.6858, 52.0483, 101.2447
YIQ	196.4560, 9.0250, 40.2010

# Conversions

## Conversions Part 2

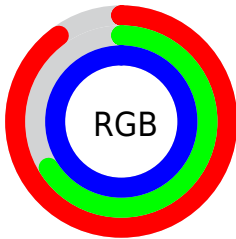
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 168, 255
Decimal	15116543
CIE <sub>Lab</sub>	77.31, 37.61, -34.33
CIE <sub>LCh</sub>	77, 50.921, 317.608
Yxy	52.0483, 0.2968, 0.2388
Android (android.graphics.Color)	4293306623 (0xFFE6A8FF)
<b>YUV</b>	196.4560, 28.8622, 29.4181
Hunter-Lab	72.1445, 33.7928, -32.7041

# Details

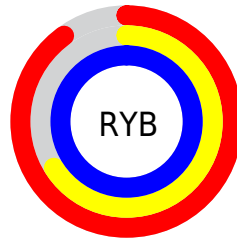
The Hex color **E6A8FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1FFA8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE0FF**, and **AD73C6** is the 20% darker color. If you saturate the color by 10%, you get **DF8FFF**, and if you desaturate by 10%, it is **EDC2FF**.

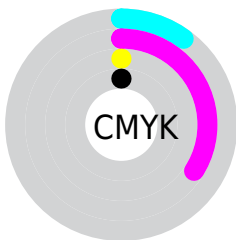
# Distribution



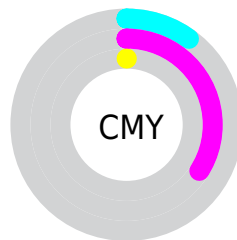
- Red (90%)
- Green (66%)
- Blue (100%)



- Red (90%)
- Yellow (66%)
- Blue (100%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6A8FF 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 E6A8FF by changing the saturation by 10% instead.



 E6A8FF

 E6A8FF

FFFFFF

 C98DE2

 FFE0FF

 AD73C6

 FFFDFD

 925AAA

 774190

 5D2976

 440F5D

 2B0045

 16002E

 000118

 E6A8FF

 E6A8FF

 DF8FFF

 EDC2FF

 D775FF

 F5DBFF

 D05BFF

 FCF5FF

 C942FF

FFFFFF

 C128FF

 BA0FFF

 B600FF

# Harmonies

## Analogous

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



A4BAFF



E6A8FF



FF9AD5

# Triad

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



E6A8FF



EDB562



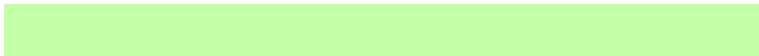
00D7DA

# Complementary

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



E6A8FF



C1FFA8

# 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.



3FD6A9



E6A8FF



C0C562

# Square

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



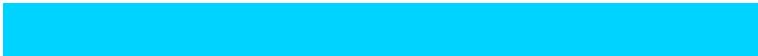
E6A8FF



FFA57B



8BD07D



00D3FF

# Rectangle

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



E6A8FF



FF98B5



8BD07D



00D7CA



# Sweetspot

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



E6A8FF



F8E6FF



A8C2FF



7B7080



000000



808080



# Same Dimension

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



E6A8FF



E196FF



FFA8EE



7C7380



8800BF



2D0040



# Inverse Universe

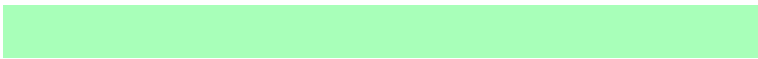
The Inverse Universe completely reimagines the original color for something new.



FFA8C1



FF96B4



A8FFB9



807376



BF0037

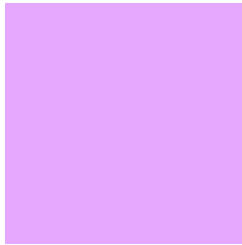


400012



# Previews

## White Background



This preview shows how the Hex color E6A8FF looks on a white background.

## Color Contrast Check

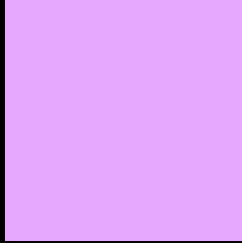
Large Text (above 18pt) WCAG AA × Fail

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 E6A8FF 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 E6A8FF Background



This preview shows how black text looks on a background with the Hex color E6A8FF.



This preview shows how white text looks on a background with the Hex color E6A8FF.

# 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](#).

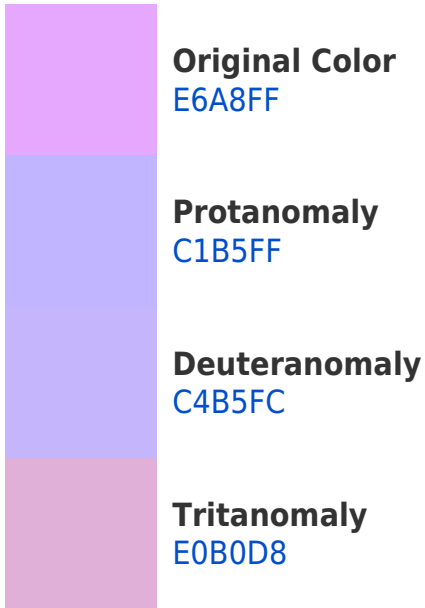
## Dichromacy



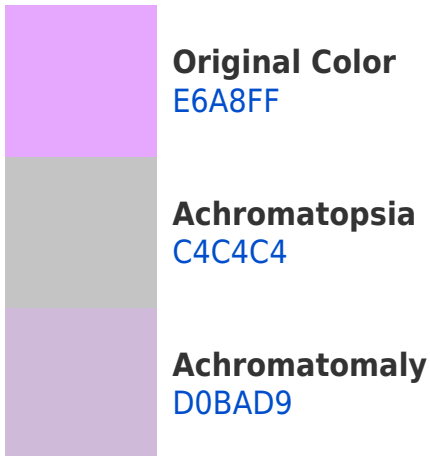


**Tritanopia**  
DDB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6A8FF 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 #E6A8FF looks like.

```
.text, #text, p{  
    color:#E6A8FF  
}
```

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 #E6A8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6A8FF
}
```

## Border

The CSS property to change the border of an element to Hex E6A8FF 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
#E6A8FF }
```

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

```
.border{ border-color:#E6A8FF }
```

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

Here you see how a box with a 4 pixel #E6A8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6A8FF; -webkit-box-shadow:4px 4px  
4px 4px #E6A8FF; box-shadow:4px 4px 4px  
4px #E6A8FF }
```

# Background

The CSS property to change the background color of an element to Hex E6A8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6A8FF }
```

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

```
.background{ background-color:#E6A8FF }
```

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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