

# Converting Colors

Hex(E5B4FF)

Have a look what the booklet for  
Hex(E5B4FF) contains.

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# **Color**

**Hex(E5B4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B4FF
RGB	229, 180, 255
RGB Percent	90%, 71%, 100%
CMY	0.1020, 0.2941, 0.0000
CMYK	0.10, 0.29, 0.00, 0.00
HSL	279°, 100%, 85%
HSV	279°, 29%, 100%
XYZ	66.6844, 56.5205, 102.0026
YIQ	203.2010, 5.1290, 33.7130

# Conversions

## Conversions Part 2

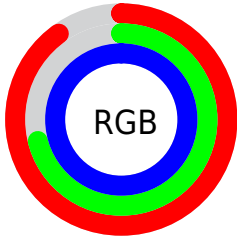
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 180, 255
Decimal	15054079
CIE Lab	79.91, 30.89, -30.33
CIE LCh	80, 43.292, 315.517
Yxy	56.5205, 0.2961, 0.2510
Android (android.graphics.Color)	4293244159 (0xFFE5B4FF)
YUV	203.2010, 25.5369, 22.6257
Hunter-Lab	75.1801, 26.7633, -27.8172

# Details

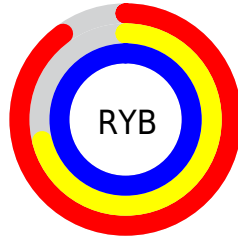
The Hex color **E5B4FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CEFFB4**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFECFF**, and **AD7FC6** is the 20% darker color. If you saturate the color by 10%, you get **DC9BFF**, and if you desaturate by 10%, it is **EECEFF**.

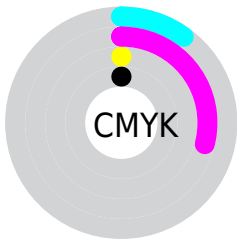
# Distribution



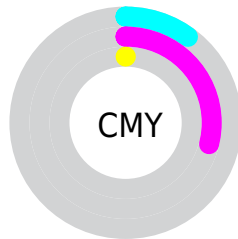
- Red (90%)
- Green (71%)
- Blue (100%)



- Red (90%)
- Yellow (71%)
- Blue (100%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B4FF 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 E5B4FF by changing the saturation by 10% instead.



 E5B4FF

FFFFFF

 FFECFF

 E5B4FF

 C999E2

 AD7FC6

 9265AB

 774D90

 5D3576

 451E5D

 2C0645

 1B002F

 000119

 E5B4FF

 E5B4FF

 DC9BFF

 EECEFF

 D381FF

 F7E7FF

 CA68FF

 FFFFFFFF

 C24EFF

 B935FF

 B01BFF

 A702FF

 A700FF

# Harmonies

## Analogous

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



ADC3FF



E5B4FF



FFA9DB

# Triad

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



E5B4FF



F2BD78



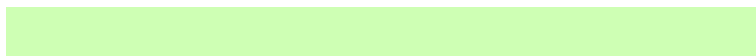
27DCDA

# Complementary

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



E5B4FF



CEFFB4

# 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.



6ADAB1



E5B4FF



CCCA77

# Square

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



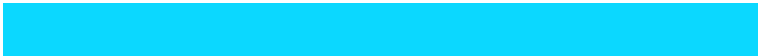
E5B4FF



FFAF8E



9ED48C



0BD8FF

# Rectangle

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



E5B4FF



FFA6C0



9ED48C



40DCCC



# Sweetspot

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



E5B4FF



F7E8FF



B4CEFF



7B7180



000000



808080



# Same Dimension

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



E5B4FF



E0A6FF



FFB4F4



7B7380



7D00BF



2A0040



# Inverse Universe

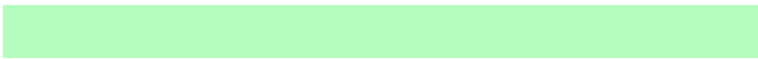
The Inverse Universe completely reimagines the original color for something new.



FFB4CE



FFA6C5



B4FFBF



807377



BF0042

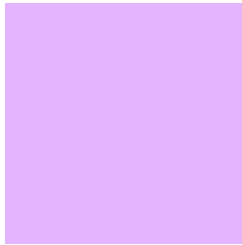


400016



# Previews

## White Background



This preview shows how the Hex color E5B4FF looks on a white background.

## Color Contrast Check

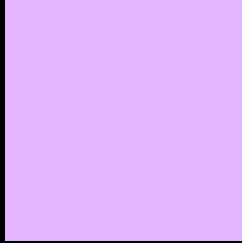
Large Text (above 18pt) WCAG AA × Fail

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 E5B4FF 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 E5B4FF Background



This preview shows how black text looks on a background with the Hex color E5B4FF.

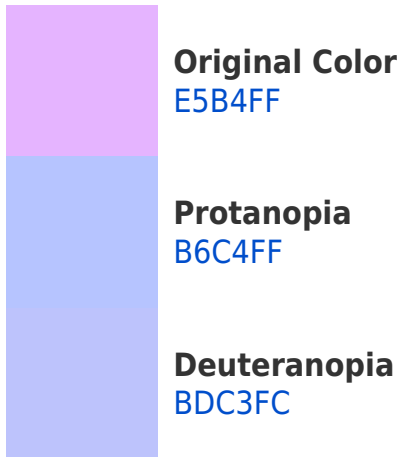


This preview shows how white text looks on a background with the Hex color E5B4FF.

# 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**  
E5B4FF



**Protanomaly**  
C7BEFF



**Deuteranomaly**  
CCBEFD



**Tritanomaly**  
E0BADF

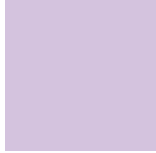
# Monochromacy



**Original Color**  
E5B4FF



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
D4C3DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B4FF 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 #E5B4FF looks like.

```
.text, #text, p{  
    color:#E5B4FF  
}
```

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 #E5B4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B4FF
}
```

## Border

The CSS property to change the border of an element to Hex E5B4FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

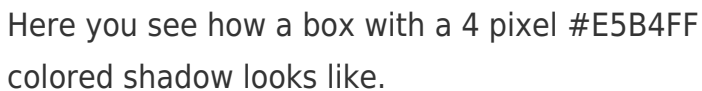
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E5B4FF }
```

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

```
.border{ border-color:#E5B4FF }
```

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



Here you see how a box with a 4 pixel #E5B4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B4FF; -webkit-box-shadow:4px 4px  
4px 4px #E5B4FF; box-shadow:4px 4px 4px  
4px #E5B4FF }
```

# Background

The CSS property to change the background color of an element to Hex E5B4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B4FF }
```

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

```
.background{ background-color:#E5B4FF }
```

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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