

Converting Colors

Hex(E5AFF1)

Have a look what the booklet for
Hex(E5AFF1) contains.

Hex(E5AFF1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5AFF1)

Conversions

Conversions Part 1

Format	Color
Hex	E5AFF1
RGB	229, 175, 241
RGB Percent	90%, 69%, 95%
CMY	0.1020, 0.3137, 0.0549
CMYK	0.05, 0.27, 0.00, 0.05
HSL	289°, 70%, 82%
HSV	289°, 27%, 95%
XYZ	63.5203, 53.6688, 90.2303
YIQ	198.6700, 10.9980, 31.9740

Conversions

Conversions Part 2

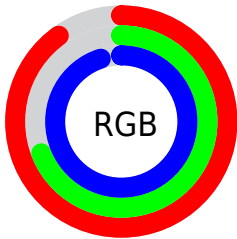
Format	Color
R_{YB}	229, 175, 241
Decimal	15052785
CIE _{Lab}	78.27, 30.82, -25.33
CIE _{LCh}	78, 39.890, 320.588
Yxy	53.6688, 0.3062, 0.2587
Android (android.graphics.Color)	4293242865 (0xFFE5AFF1)
YUV	198.6700, 20.8687, 26.5994
Hunter-Lab	73.2590, 26.5677, -21.7439

Details

The Hex color **E5AFF1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBF1AF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE7FF**, and **AD7AB9** is the 20% darker color. If you saturate the color by 10%, you get **E197F1**, and if you desaturate by 10%, it is **E9C7F1**.

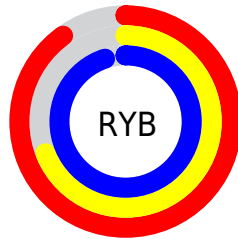
Distribution



Red (90%)

Green (69%)

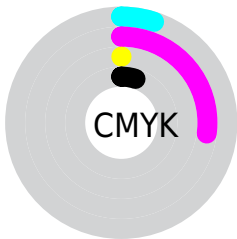
Blue (95%)



Red (90%)

Yellow (69%)

Blue (95%)

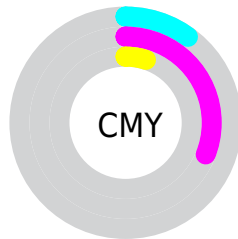


Cyan (5%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5AFF1 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 E5AFF1 by changing the saturation by 10% instead.

 E5AFF1

FFFFFF

 FFE7FF

 E5AFF1

 C994D5

 AD7AB9

 92619E

 774883

 5E306A

 451952

 2D023A

 1A0025

 00000C

 E5AFF1

 E5AFF1

 E197F1

 E9C7F1

 DC7FF1

 EEDFF1

 D867F1

 F2F7F1

 D34FF1

 F7FFF1

 CF36F1

 FBFFF1

 CB1EF1

 FFFFF1

 C606F1

 C500F1

Harmonies

Analogous

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



B5BCFF



E5AFF1



FFA6CF

Triad

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



E5AFF1



E5BB78



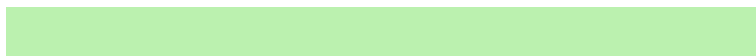
38D5DA

Complementary

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



E5AFF1



BBF1AF

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.



67D5B4



E5AFF1



C0C77B

Square

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



E5AFF1



FFAF8A



96D091



3DD1FA

Rectangle

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



E5AFF1



FFA5B6



96D091



46D6CE

Sweetspot

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



E5AFF1



FBEBFF



AFBBF1



7D7380



000000



808080

Same Dimension

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



E5AFF1



F0ABFF



F1AFDC



766C78



9600B8



2E0038

Inverse Universe

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



F1AFBB



FFABBA



AFF1C4



786C6E



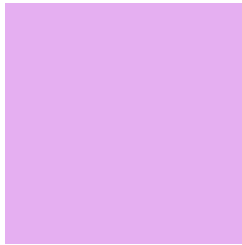
B80021



38000A

Previews

White Background



This preview shows how the Hex color E5AFF1 looks on a white background.

Color Contrast Check

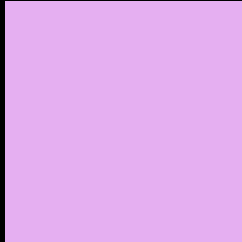
Large Text (above 18pt) WCAG AA × Fail

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 E5AFF1 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 E5AFF1 Background



This preview shows how black text looks on a background with the Hex color E5AFF1.

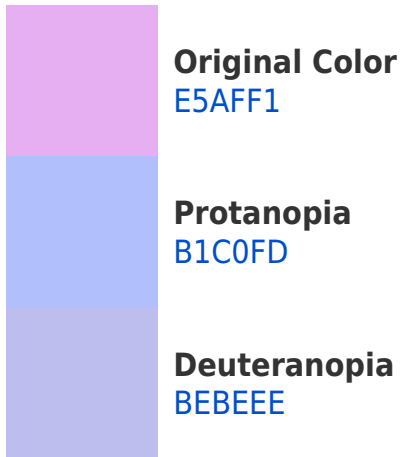


This preview shows how white text looks on a background with the Hex color E5AFF1.

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
DFB7C5

Trichromacy



Original Color
E5AFF1



Protanomaly
C4BAF9



Deuteranomaly
CCB9EF

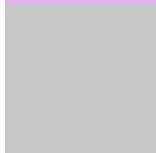


Tritanomaly
E1B4D5

Monochromacy



Original Color
E5AFF1



Achromatopsia
C7C7C7



Achromatomaly
D2BED6

CSS Examples

Text

The CSS property to change the color of the text to Hex E5AFF1 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 #E5AFF1 looks like.

```
.text, #text, p{  
    color:#E5AFF1  
}
```

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 #E5AFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5AFF1  
}
```

Border

The CSS property to change the border of an element to Hex E5AFF1 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  
#E5AFF1 }
```

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

```
.border{ border-color:#E5AFF1 }
```

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

Here you see how a box with a 4 pixel #E5AFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5AFF1; -webkit-box-shadow:4px 4px  
4px 4px #E5AFF1; box-shadow:4px 4px 4px  
4px #E5AFF1 }
```

Background

The CSS property to change the background color of an element to Hex E5AFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5AFF1 }
```

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

```
.background{ background-color:#E5AFF1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor