

Converting Colors

Hex(E5CAF5)

Have a look what the booklet for
Hex(E5CAF5) contains.

| | |
|--|----|
| Hex(E5CAF5) | 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(E5CAF5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5CAF5 |
| RGB | 229, 202, 245 |
| RGB Percent | 90%, 79%, 96% |
| CMY | 0.1020, 0.2078, 0.0392 |
| CMYK | 0.07, 0.18, 0.00, 0.04 |
| HSL | 278°, 68%, 88% |
| HSV | 278°, 18%, 96% |
| XYZ | 69.9151, 65.4916, 95.3424 |
| YIQ | 214.9750, 2.2890, 19.0970 |

Conversions

Conversions Part 2

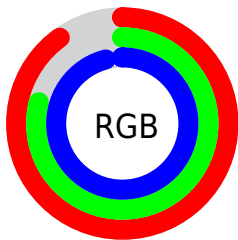
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 202, 245 |
| Decimal | 15059701 |
| CIE Lab | 84.74, 17.14, -17.66 |
| CIE LCh | 85, 24.609, 314.153 |
| Yxy | 65.4916, 0.3030, 0.2838 |
| Android (android.graphics.Color) | 4293249781 (0xFFE5CAF5) |
| YUV | 214.9750, 14.8023, 12.2999 |
| Hunter-Lab | 80.9269, 12.5891, -13.2025 |

Details

The Hex color **E5CAF5** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DAF5CA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AD94BD** is the 20% darker color. If you saturate the color by 10%, you get **DCB2F5**, and if you desaturate by 10%, it is **EEE3F5**.

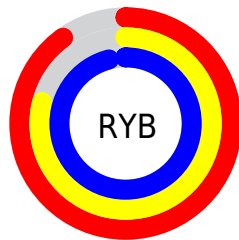
Distribution



Red (90%)

Green (79%)

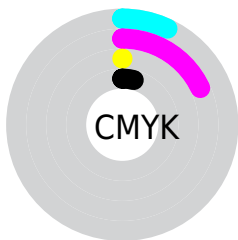
Blue (96%)



Red (90%)

Yellow (79%)

Blue (96%)

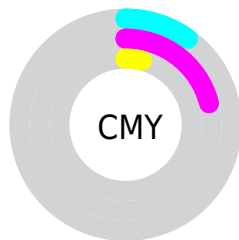


Cyan (7%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5CAF5 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 E5CAF5 by changing the saturation by 10% instead.

 E5CAF5

FFFFFF

 E5CAF5

 C9AFD9

 AD94BD

 937AA2

 796187

 60496E

 473255

 301D3E

 1C0628

 000113

 E5CAF5

 E5CAF5

 DCB2F5

 EEE3F5

 D399F5

 F7FBF5

 CA81F5

 FFFFF5

 C168F5

 B750F5

 AE37F5

 A51EF5

 9C06F5

 9A00F5

Harmonies

Analogous

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



C7D2FF



E5CAF5



FAC4E1

Triad

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



E5CAF5



F1CEA7



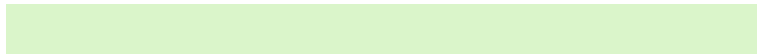
95E1DE

Complementary

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



E5CAF5



DAF5CA

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.



A6E0C6



E5CAF5



DAD6A6

Square

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



E5CAF5



FFC7B4



BFDCB2



95DFF3

Rectangle

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



E5CAF5



FFC3D1



BFDCB2



99E1D6

Sweetspot

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



E5CAF5



FAF2FF



CADAF5



7D7880



000000



808080

Same Dimension

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



E5CAF5



EBC9FF



F5CAF0



766E7A



7500BA



25003B

Inverse Universe

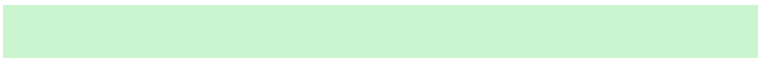
The Inverse Universe completely reimagines the original color for something new.



F5CADA



FFC9DD



CAF5CF



7A6E73



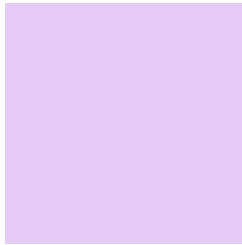
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color E5CAF5 looks on a white background.

Color Contrast Check

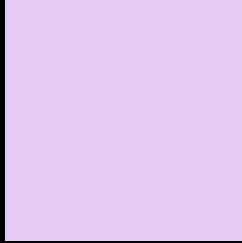
Large Text (above 18pt) WCAG AA × Fail

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 E5CAF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

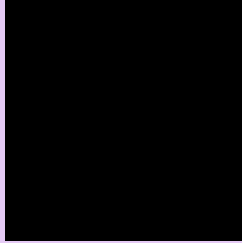
Any Text WCAG AA ✓ Pass

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 E5CAF5 Background



This preview shows how black text looks on a background with the Hex color E5CAF5.

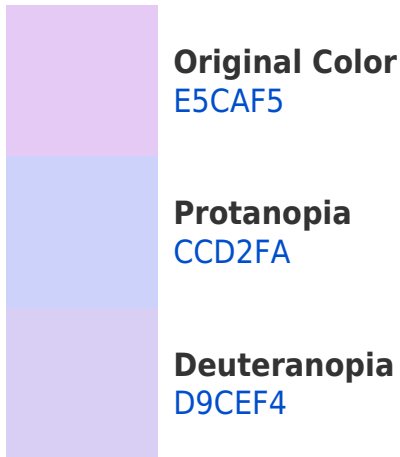


This preview shows how white text looks on a background with the Hex color E5CAF5.

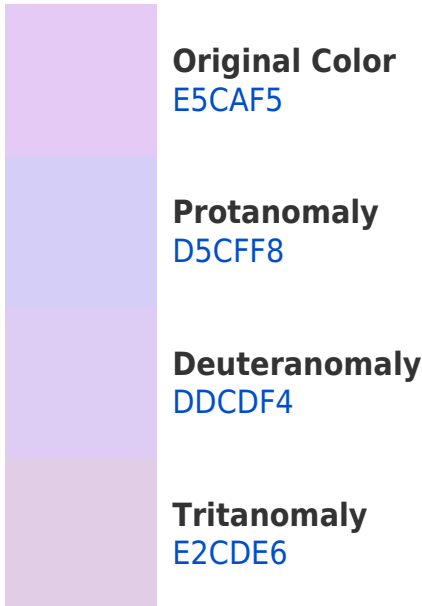
Color Blindness Simulation

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](#).

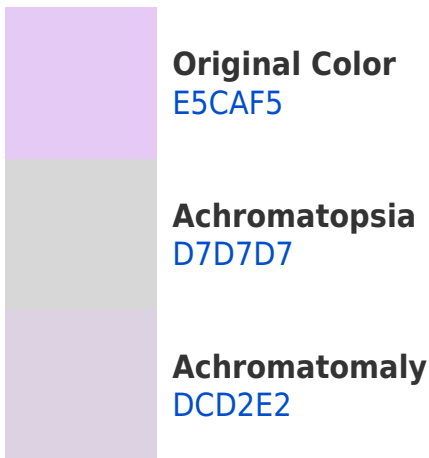
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5CAF5 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 #E5CAF5 looks like.

```
.text, #text, p{  
    color:#E5CAF5  
}
```

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 #E5CAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CAF5
}
```

Border

The CSS property to change the border of an element to Hex E5CAF5 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
#E5CAF5 }
```

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

```
.border{ border-color:#E5CAF5 }
```

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

Here you see how a box with a 4 pixel #E5CAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CAF5; -webkit-box-shadow:4px 4px  
4px 4px #E5CAF5; box-shadow:4px 4px 4px  
4px #E5CAF5 }
```

Background

The CSS property to change the background color of an element to Hex E5CAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CAF5 }
```

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

```
.background{ background-color:#E5CAF5 }
```

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