

Converting Colors

Hex(E2CAFC)

Have a look what the booklet for
Hex(E2CAFC) contains.

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Color

Hex(E2CAFC)

Conversions

Conversions Part 1

Format	Color
Hex	E2CAFC
RGB	226, 202, 252
RGB Percent	89%, 79%, 99%
CMY	0.1137, 0.2078, 0.0118
CMYK	0.10, 0.20, 0.00, 0.01
HSL	269°, 89%, 89%
HSV	269°, 20%, 99%
XYZ	70.0552, 65.4381, 101.0340
YIQ	214.8760, -1.7460, 20.6380

Conversions

Conversions Part 2

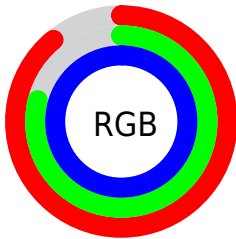
Format	Color
R _Y B	226, 202, 252
Decimal	14863100
CIE _{Lab}	84.71, 17.56, -21.44
CIE _{LCh}	85, 27.713, 309.324
Y _{xy}	65.4381, 0.2962, 0.2767
Android (android.graphics.Color)	4293053180 (0xFFE2CAFC)
Y _{UV}	214.8760, 18.3021, 9.7557
Hunter-Lab	80.8938, 13.0195, -17.4258

Details

The Hex color **E2CAFC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E4FCCA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AA94C3** is the 20% darker color. If you saturate the color by 10%, you get **D5B1FC**, and if you desaturate by 10%, it is **EFE3FC**.

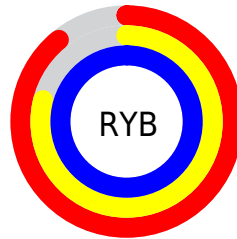
Distribution



Red (89%)

Green (79%)

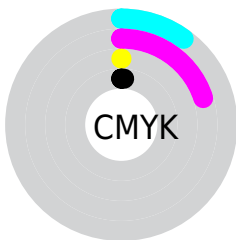
Blue (99%)



Red (89%)

Yellow (79%)

Blue (99%)

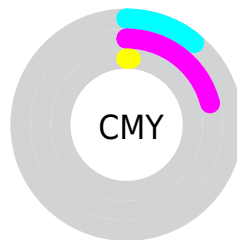


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (1%)



Cyan (11%)

Magenta (21%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2CAFC 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 E2CAFC by changing the saturation by 10% instead.

 E2CAFC

FFFFFF

 E2CAFC

 C6AFDF

 AA94C3

 907AA8

 76618E

 5D4974

 44325B

 2D1D43

 18062D

 000118

 E2CAFC

 E2CAFC

 D5B1FC

 EFE3FC

 C898FC

 FCFCFC

 BB7EFC

 FFFFFC

 AE65FC

 A04CFC

 9333FC

 861AFC

 7900FC

Harmonies

Analogous

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



BFD3FF



E2CAFC



FCC3E7

Triad

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



E2CAFC



F7CCA3



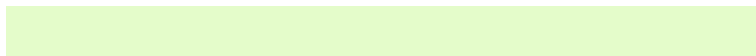
8EE2DB

Complementary

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



E2CAFC



E4FCCA

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.



A4E1C0



E2CAFC



DFD4A0

Square

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



E2CAFC



FFC4B3



C1DCAA



89E1F4

Rectangle

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



E2CAFC



FFC1D5



C1DCAA



94E2D2

Sweetspot

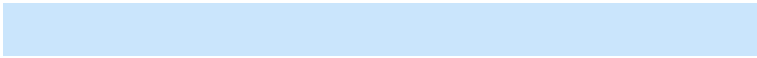
The Sweet Spot groups the original color and five complimentary colors.



E2CAFC



F7F0FF



CAE5FC



7B7780



000000



808080

Same Dimension

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



E2CAFC



DFC2FF



FACAFC



76707D



5B00BD



1D003D

Inverse Universe

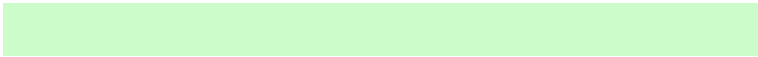
The Inverse Universe completely reimagines the original color for something new.



FCCAE4



FFC2E2



CCFCCA



7D7077



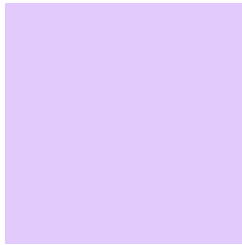
BD0062



3D0020

Previews

White Background



This preview shows how the Hex color E2CAFC looks on a white background.

Color Contrast Check

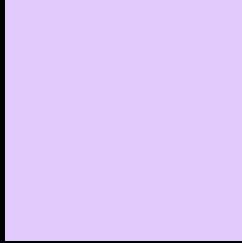
Large Text (above 18pt) WCAG AA × Fail

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 E2CAFC 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 E2CAFC Background



This preview shows how black text looks on a background with the Hex color E2CAFC.

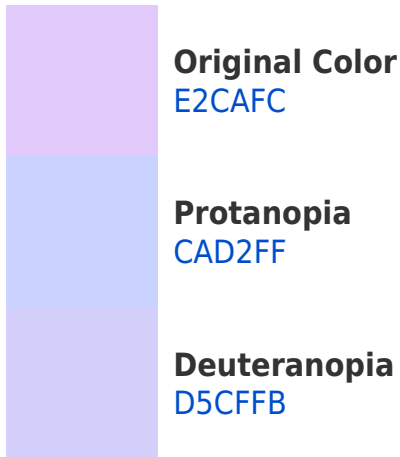


This preview shows how white text looks on a background with the Hex color E2CAFC.

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
E2CAFC

Protanomaly
D3CFFE

Deuteranomaly
DACDFB

Tritanomaly
DFCDEA

Monochromacy



Original Color
E2CAFC

Achromatopsia
D7D7D7

Achromatomaly
DBD2E4

CSS Examples

Text

The CSS property to change the color of the text to Hex E2CAFC 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 #E2CAFC looks like.

```
.text, #text, p{  
    color:#E2CAFC  
}
```

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 #E2CAFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CAFC
}
```

Border

The CSS property to change the border of an element to Hex E2CAFC 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
#E2CAFC }
```

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

```
.border{ border-color:#E2CAFC }
```

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

Here you see how a box with a 4 pixel #E2CAFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CAFC; -webkit-box-shadow:4px 4px  
4px 4px #E2CAFC; box-shadow:4px 4px 4px  
4px #E2CAFC }
```

Background

The CSS property to change the background color of an element to Hex E2CAFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CAFC }
```

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

```
.background{ background-color:#E2CAFC }
```

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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