

Converting Colors

Hex(E6CAF0)

Have a look what the booklet for
Hex(E6CAF0) contains.

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Color

Hex(E6CAF0)

Conversions

Conversions Part 1

Format	Color
Hex	E6CAF0
RGB	230, 202, 240
RGB Percent	90%, 79%, 94%
CMY	0.0980, 0.2078, 0.0588
CMYK	0.04, 0.16, 0.00, 0.06
HSL	284°, 56%, 87%
HSV	284°, 16%, 94%
XYZ	69.4818, 65.3553, 91.3908
YIQ	214.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

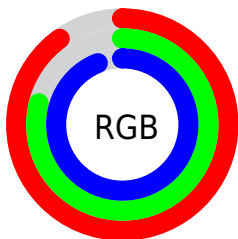
Format	Color
R _{YB}	230, 202, 240
Decimal	15125232
CIE Lab	84.67, 16.51, -15.10
CIE LCh	85, 22.371, 317.560
Yxy	65.3553, 0.3071, 0.2889
Android (android.graphics.Color)	4293315312 (0xFFE6CAF0)
YUV	214.7040, 12.4709, 13.4146
Hunter-Lab	80.8426, 11.9408, -10.4362

Details

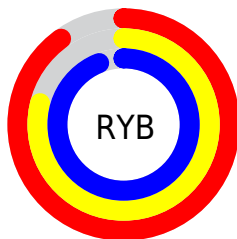
The Hex color **E6CAF0** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D4F0CA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AE94B8** is the 20% darker color. If you saturate the color by 10%, you get **E0B2F0**, and if you desaturate by 10%, it is **ECE2F0**.

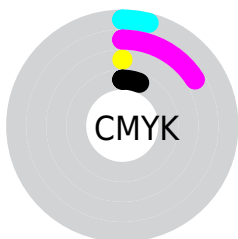
Distribution



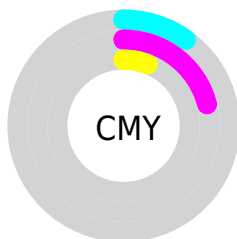
- Red (90%)
- Green (79%)
- Blue (94%)



- Red (90%)
- Yellow (79%)
- Blue (94%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CAF0 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 E6CAF0 by changing the saturation by 10% instead.

 E6CAF0

FFFFFF

 E6CAF0

 CAAFD4


 AE94B8

 947A9D

 7A6183

 61496A

 483251

 311D3A

 1D0625

 00010E

 E6CAF0

 E6CAF0

 E0B2F0

 ECE2F0

 D99AF0

 F3FAF0

 D382F0

 F9FFF0

 CD6AF0

 FFFFF0

 C652F0

 C03AF0

 BA22F0

 B30AF0

 B100F0

Harmonies

Analogous

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



CCD1FB



E6CAF0



F8C5DD

Triad

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



E6CAF0



ECCFAB



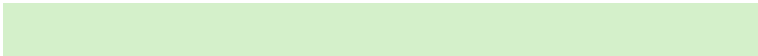
9BDFDF

Complementary

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



E6CAF0



D4F0CA

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.



A8DFCA



E6CAF0



D7D6AB

Square

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



E6CAF0



FBC9B5



BEDCB6



9DDDF2

Rectangle

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



E6CAF0



FFC4CF



BEDCB6



9EE0D8

Sweetspot

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



E6CAF0



FCF2FF



CAD4F0



7D7880



000000



808080

Same Dimension

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



E6CAF0



F2CFFF



F0CAE7



756C78



8700B8



290038

Inverse Universe

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



F0CAD4



FFCFDB



CAF0D3



786C6F



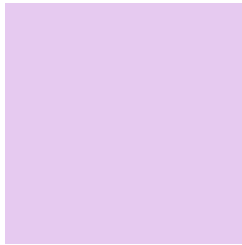
B80030



38000F

Previews

White Background



This preview shows how the Hex color E6CAF0 looks on a white background.

Color Contrast Check

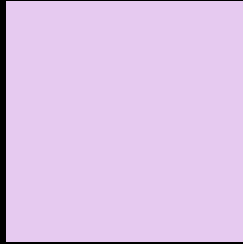
Large Text (above 18pt) WCAG AA × Fail

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 E6CAF0 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 E6CAF0 Background



This preview shows how black text looks on a background with the Hex color E6CAF0.

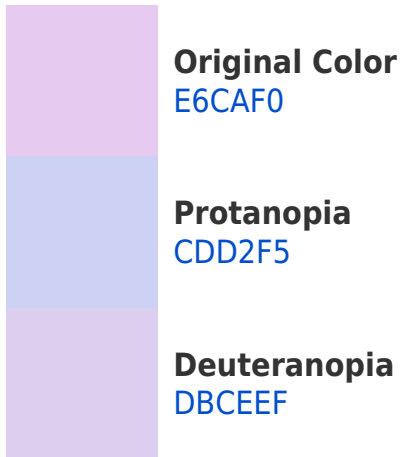


This preview shows how white text looks on a background with the Hex color E6CAF0.

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
E3CDDD

Trichromacy



Original Color
E6CAF0

Protanomaly
D6CFF3

Deuteranomaly
DFCDEF

Tritanomaly
E4CCE4

Monochromacy



Original Color
E6CAF0

Achromatopsia
D7D7D7

Achromatomaly
DCD2E0

CSS Examples

Text

The CSS property to change the color of the text to Hex E6CAF0 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 #E6CAF0 looks like.

```
.text, #text, p{  
    color:#E6CAF0  
}
```

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 #E6CAF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CAF0  
}
```

Border

The CSS property to change the border of an element to Hex E6CAF0 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  
#E6CAF0 }
```

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

```
.border{ border-color:#E6CAF0 }
```

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

Here you see how a box with a 4 pixel #E6CAF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CAF0; -webkit-box-shadow:4px 4px  
4px 4px #E6CAF0; box-shadow:4px 4px 4px  
4px #E6CAF0 }
```

Background

The CSS property to change the background color of an element to Hex E6CAF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CAF0 }
```

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

```
.background{ background-color:#E6CAF0 }
```

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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