

Converting Colors

Hex(E2CCFF)

Have a look what the booklet for
Hex(E2CCFF) contains.

Hex(E2CCFF)	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(E2CCFF)

Conversions

Conversions Part 1

Format	Color
Hex	E2CCFF
RGB	226, 204, 255
RGB Percent	89%, 80%, 100%
CMY	0.1137, 0.2000, 0.0000
CMYK	0.11, 0.20, 0.00, 0.00
HSL	266°, 100%, 90%
HSV	266°, 20%, 100%
XYZ	71.0069, 66.5745, 103.7154
YIQ	216.3920, -3.2590, 20.5250

Conversions

Conversions Part 2

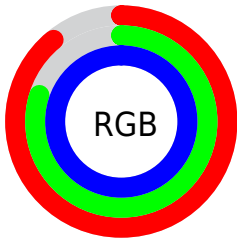
Format	Color
R _Y B	226, 204, 255
Decimal	14863615
CIE Lab	85.29, 17.10, -22.15
CIE LCh	85, 27.982, 307.668
Yxy	66.5745, 0.2943, 0.2759
Android (android.graphics.Color)	4293053695 (0xFFE2CCFF)
YUV	216.3920, 19.0337, 8.4262
Hunter-Lab	81.5932, 12.5525, -18.2500

Details

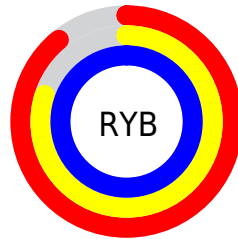
The Hex color **E2CCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9FFCC**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **AA96C6** is the 20% darker color. If you saturate the color by 10%, you get **D3B3FF**, and if you desaturate by 10%, it is **F0E6FF**.

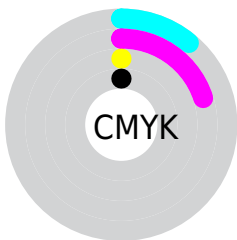
Distribution



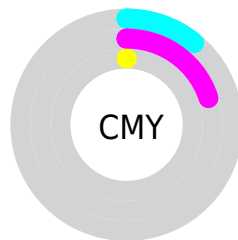
- Red (89%)
- Green (80%)
- Blue (100%)



- Red (89%)
- Yellow (80%)
- Blue (100%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2CCFF 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 E2CCFF by changing the saturation by 10% instead.

 E2CCFF

FFFFFF

 E2CCFF

 C6B1E2

 AA96C6

 907CAB

 766390

 5D4B76

 44345E

 2D1F46

 18092F

 00011A

 E2CCFF

 E2CCFF

 D3B3FF

 F0E6FF

 C599FF

FFFFFF

 B680FF

 A866FF

 994DFF

 8B33FF

 7C19FF

 6E00FF

Harmonies

Analogous

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



BED5FF



E2CCFF



FDC5EA

Triad

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



E2CCFF



FACDA5



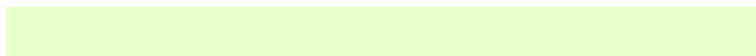
8FE4DB

Complementary

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



E2CCFF



E9FFCC

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.



A7E2C0



E2CCFF



E2D6A1

Square

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



E2CCFF



FFC5B6



C4DDAB



8AE2F4

Rectangle

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



E2CCFF



FFC2D8



C4DDAB



96E4D2

Sweetspot

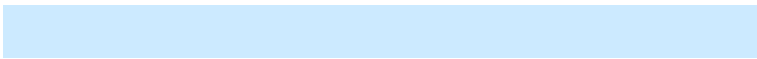
The Sweet Spot groups the original color and five complimentary colors.



E2CCFF



F6F0FF



CCEAFF



7A7780



000000



808080

Same Dimension

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



E2CCFF



DCC2FF



FBC2FF



787380



5200BF



1B0040

Inverse Universe

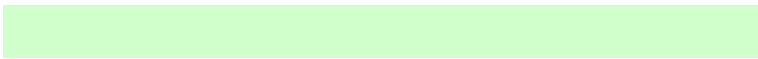
The Inverse Universe completely reimagines the original color for something new.



FFCCE9



FFC2E5



D0FFCC



80737A



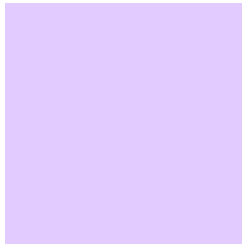
BF006D



400024

Previews

White Background



This preview shows how the Hex color E2CCFF looks on a white background.

Color Contrast Check

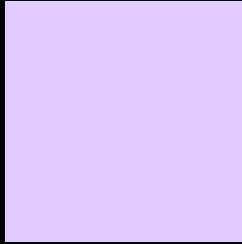
Large Text (above 18pt) WCAG AA × Fail

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 E2CCFF 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 E2CCFF Background



This preview shows how black text looks on a background with the Hex color E2CCFF.



This preview shows how white text looks on a background with the Hex color E2CCFF.

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](#).

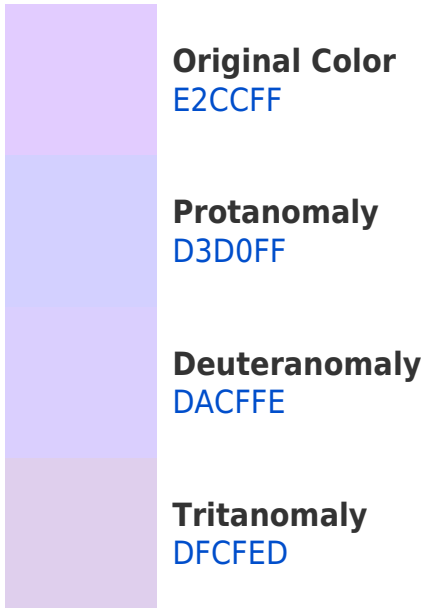
Dichromacy



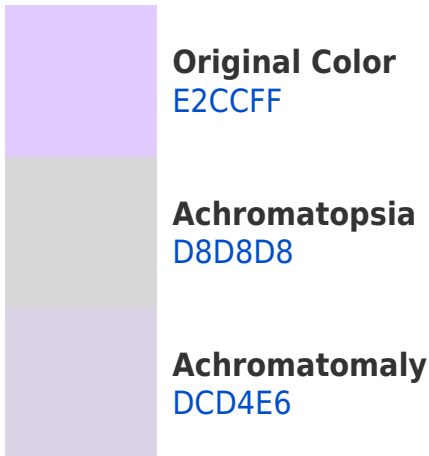


Tritanopia
DDD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2CCFF 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 #E2CCFF looks like.

```
.text, #text, p{  
    color:#E2CCFF  
}
```

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 #E2CCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CCFF
}
```

Border

The CSS property to change the border of an element to Hex E2CCFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

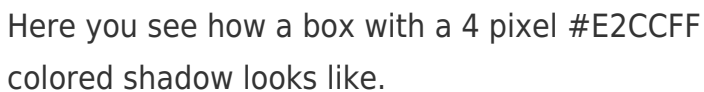
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2CCFF }
```

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

```
.border{ border-color:#E2CCFF }
```

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



Here you see how a box with a 4 pixel `#E2CCFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CCFF; -webkit-box-shadow:4px 4px  
4px 4px #E2CCFF; box-shadow:4px 4px 4px  
4px #E2CCFF }
```

Background

The CSS property to change the background color of an element to Hex E2CCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CCFF }
```

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

```
.background{ background-color:#E2CCFF }
```

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