

Converting Colors

Hex(CCE4FF)

Have a look what the booklet for
Hex(CCE4FF) contains.

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Color

Hex(CCE4FF)

Conversions

Conversions Part 1

Format	Color
Hex	CCE4FF
RGB	204, 228, 255
RGB Percent	80%, 89%, 100%
CMY	0.2000, 0.1059, 0.0000
CMYK	0.20, 0.11, 0.00, 0.00
HSL	212°, 100%, 90%
HSV	212°, 20%, 100%
XYZ	70.6952, 75.5442, 105.4632
YIQ	223.9020, -22.9710, 3.3090

Conversions

Conversions Part 2

Format	Color
R_{YB}	204, 220, 255
Decimal	13427967
CIE _{Lab}	89.65, -2.35, -15.73
CIE _{LCh}	90, 15.908, 261.495
Y _{xy}	75.5442, 0.2809, 0.3001
Android (android.graphics.Color)	4291618047 (0xFFCCE4FF)
YUV	223.9020, 15.3313, -17.4541
Hunter-Lab	86.9162, -6.9162, -11.1006

Details

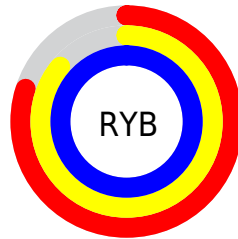
The Hex color **CCE4FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE7CC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **95ADC6** is the 20% darker color. If you saturate the color by 10%, you get **B3D7FF**, and if you desaturate by 10%, it is **E6F2FF**.

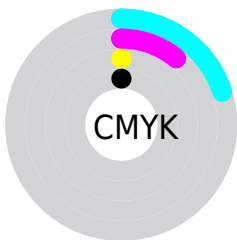
Distribution



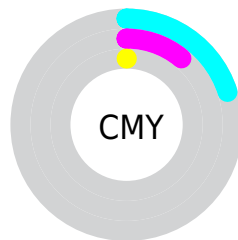
- Red (80%)
- Green (89%)
- Blue (100%)



- Red (80%)
- Yellow (86%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color CCE4FF 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 CCE4FF by changing the saturation by 10% instead.

 CCE4FF


 CCE4FF

FFFFFF

 B0C8E2

 95ADC6

 7B92AB

 617890

 496077

 31485E

 193246

 001D30

 00011B

 CCE4FF

 CCE4FF

 B3D7FF

 E6F2FF

 99C9FF

FFFFFF

 80BCFF

 66AEFF

 4DA1FF

 3393FF

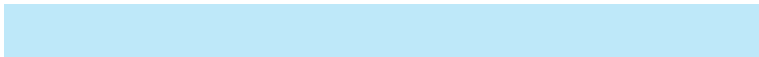
 1986FF

 0078FF

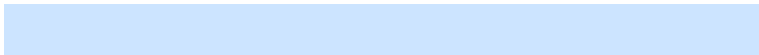
Harmonies

Analogous

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



BEE8F9



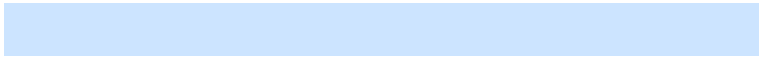
CCE4FF



DFDFFD

Triad

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



CCE4FF



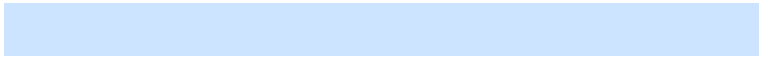
FFD7D7



DOE8CE

Complementary

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



CCE4FF



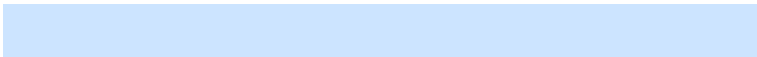
FFE7CC

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.



E2E4C5



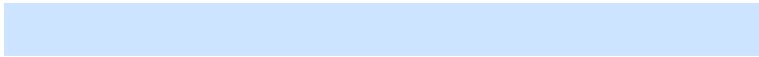
CCE4FF



FEDACA

Square

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



CCE4FF



FED7E6



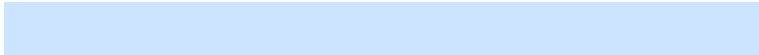
F2DFC4



C2EADC

Rectangle

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



CCE4FF



ECDCF8



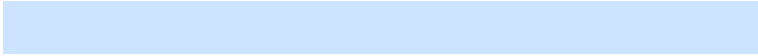
F2DFC4



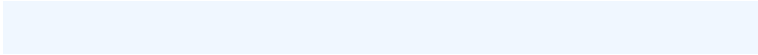
D6E7CA

Sweetspot

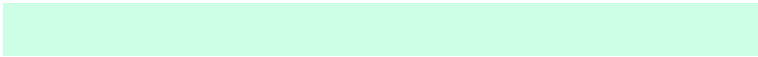
The Sweet Spot groups the original color and five complimentary colors.



CCE4FF



F0F7FF



CCFFE6



777B80



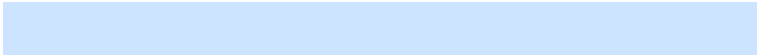
000000



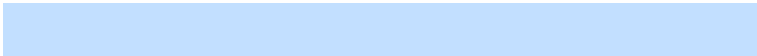
808080

Same Dimension

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



CCE4FF



C2DFFF



CDCCFF



737980



005ABF



001E40

Inverse Universe

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



FFCCE4



FFC2DF



FEFFCC



807379



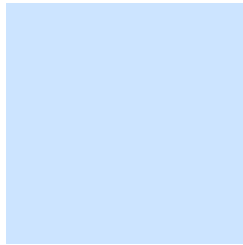
BF005A



40001E

Previews

White Background



This preview shows how the Hex color CCE4FF looks on a white background.

Color Contrast Check

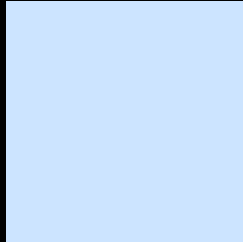
Large Text (above 18pt) WCAG AA × Fail

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 CCE4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

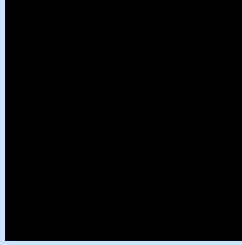
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

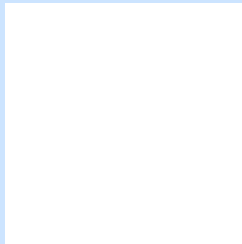
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CCE4FF Background



This preview shows how black text looks on a background with the Hex color CCE4FF.

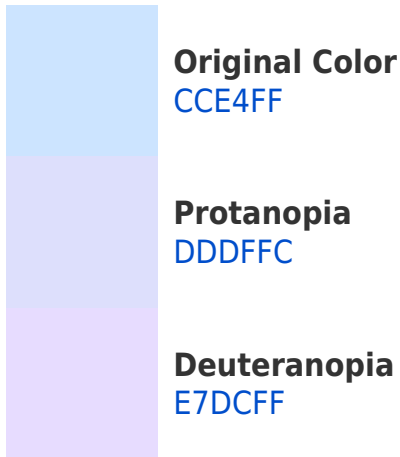


This preview shows how white text looks on a background with the Hex color CCE4FF.

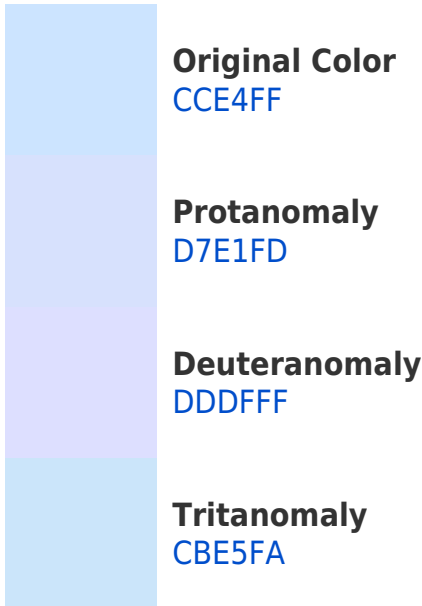
Color Blindness Simulation

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](#).

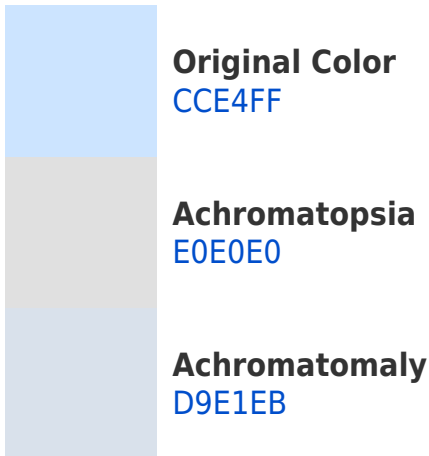
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCE4FF 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 #CCE4FF looks like.

```
.text, #text, p{  
    color:#CCE4FF  
}
```

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 #CCE4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE4FF
}
```

Border

The CSS property to change the border of an element to Hex CCE4FF 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
#CCE4FF }
```

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

```
.border{ border-color:#CCE4FF }
```

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

Here you see how a box with a 4 pixel `#CCE4FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE4FF; -webkit-box-shadow:4px 4px  
4px 4px #CCE4FF; box-shadow:4px 4px 4px  
4px #CCE4FF }
```

Background

The CSS property to change the background color of an element to Hex CCE4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE4FF }
```

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

```
.background{ background-color:#CCE4FF }
```

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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