

# Converting Colors

Hex(C2E5FF)

Have a look what the booklet for  
Hex(C2E5FF) contains.

<b>Hex(C2E5FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C2E5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E5FF
RGB	194, 229, 255
RGB Percent	76%, 90%, 100%
CMY	0.2392, 0.1020, 0.0000
CMYK	0.24, 0.10, 0.00, 0.00
HSL	206°, 100%, 88%
HSV	206°, 24%, 100%
XYZ	68.3174, 74.7280, 105.4310
YIQ	221.4990, -29.2060, 0.6660

# Conversions

## Conversions Part 2

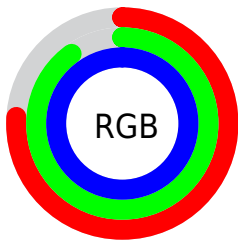
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 216, 255
Decimal	12772863
CIELab	89.27, -5.84, -16.37
CIELCh	89, 17.383, 250.356
Yxy	74.7280, 0.2749, 0.3007
Android (android.graphics.Color)	4290962943 (0xFFC2E5FF)
YUV	221.4990, 16.5160, -24.1166
Hunter-Lab	86.4453, -10.2114, -11.7999

# Details

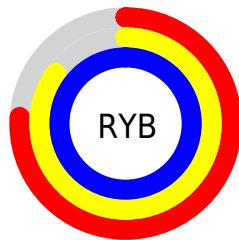
The Hex color **C2E5FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDCC2**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FBFFFF**, and **8BAEC6** is the 20% darker color. If you saturate the color by 10%, you get **A9DAFF**, and if you desaturate by 10%, it is **DBF0FF**.

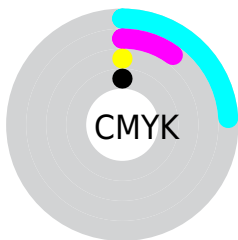
# Distribution



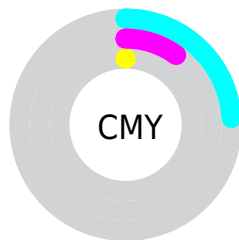
- Red (76%)
- Green (90%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2E5FF 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 C2E5FF by changing the saturation by 10% instead.



 C2E5FF


FFFFFF

 FBFFFF

 C2E5FF

 A6C9E2

 8BAEC6

 7193AB

 577990

 3E6177

 25495E

 083246

 001D30

 00011B

 C2E5FF

 C2E5FF

 A9DAFF

 DBF0FF

 8FCFFF

 F5FBFF

 76C4FF


FFFFFF

 5CBAFF

 42AFFF

 29A4FF

 1099FF

 0092FF

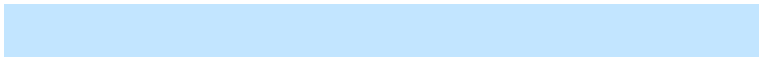
# Harmonies

## Analogous

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



B7E9F5



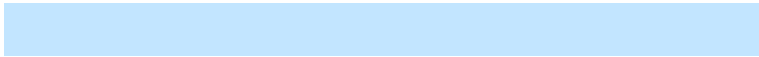
C2E5FF



D6E0FF

# Triad

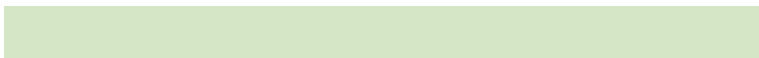
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2E5FF



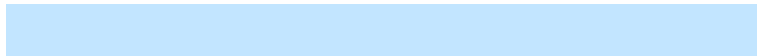
FFD5DB



D5E6C7

# Complementary

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



C2E5FF



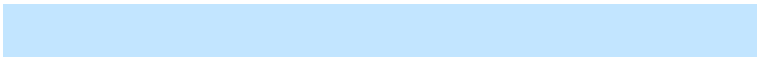
FFDCC2

# 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.



E8E1C0



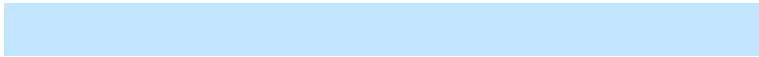
C2E5FF



FFD7CB

# Square

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



C2E5FF



FBD6EC



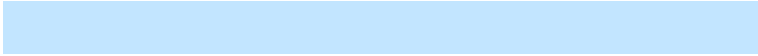
F8DCC1



C3E9D5

# Rectangle

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



C2E5FF



E4DCFD



F8DCC1

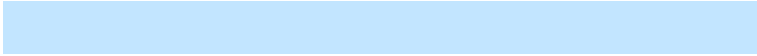


DBE4C3

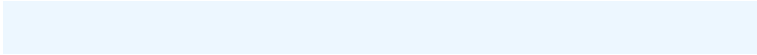


# Sweetspot

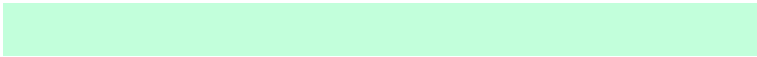
The Sweet Spot groups the original color and five complimentary colors.



C2E5FF



EDF7FF



C2FFDB



757B80



000000

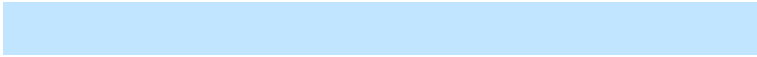


808080

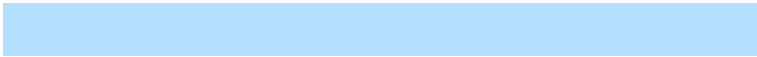


# Same Dimension

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



C2E5FF



B5DFFF



C2C7FF



737A80



006EBF



002540



# Inverse Universe

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



FFC2E5



FFB5DF



FFFAC2



80737A



BF006E

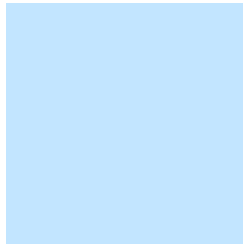


400025



# Previews

## White Background



This preview shows how the Hex color C2E5FF looks on a white background.

## Color Contrast Check

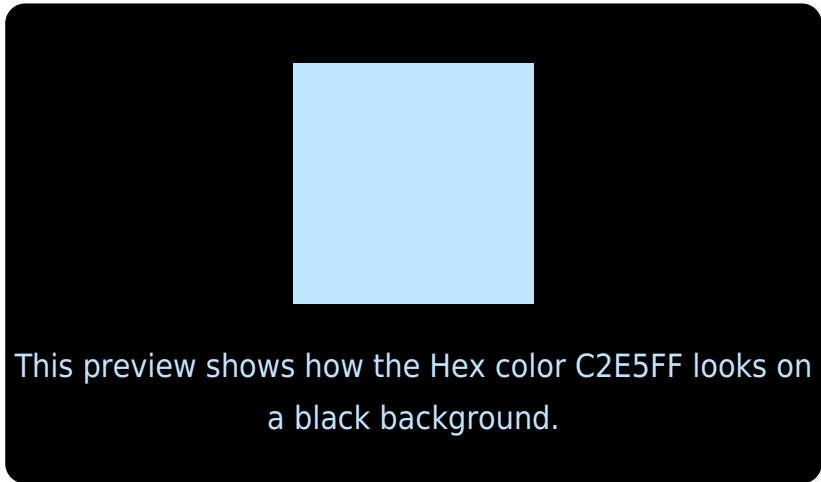
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

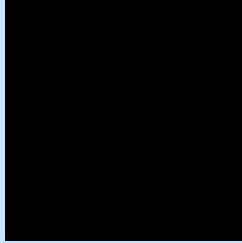
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

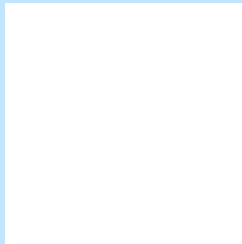
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2E5FF Background



This preview shows how black text looks on a background with the Hex color C2E5FF.

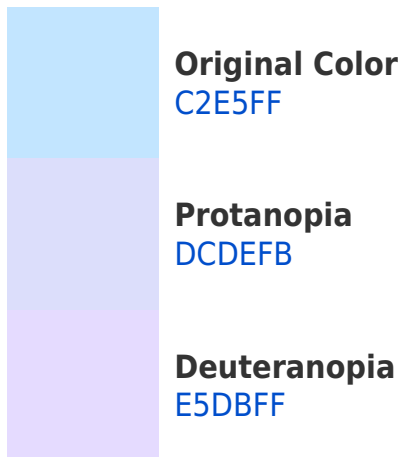


This preview shows how white text looks on a background with the Hex color C2E5FF.

# 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



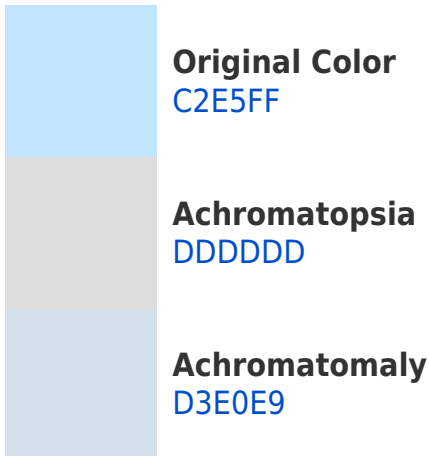


**Tritanopia**  
C1E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2E5FF 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 #C2E5FF looks like.

```
.text, #text, p{  
    color:#C2E5FF  
}
```

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 #C2E5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E5FF }  
}
```

## Border

The CSS property to change the border of an element to Hex C2E5FF 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 #C2E5FF }  
}
```

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

```
.border{ border-color:#C2E5FF }
```

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

Here you see how a box with a 4 pixel #C2E5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E5FF; -webkit-box-shadow:4px 4px  
4px 4px #C2E5FF; box-shadow:4px 4px 4px  
4px #C2E5FF }
```

# Background

The CSS property to change the background color of an element to Hex C2E5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E5FF }
```

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

```
.background{ background-color:#C2E5FF }
```

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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