

# Converting Colors

Hex(C2E8FF)

Have a look what the booklet for  
Hex(C2E8FF) contains.

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# **Color**

**Hex(C2E8FF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C2E8FF                      |
| RGB         | 194, 232, 255               |
| RGB Percent | 76%, 91%, 100%              |
| CMY         | 0.2392, 0.0902, 0.0000      |
| CMYK        | 0.24, 0.09, 0.00, 0.00      |
| HSL         | 203°, 100%, 88%             |
| HSV         | 203°, 24%, 100%             |
| XYZ         | 69.1547, 76.4026, 105.7101  |
| YIQ         | 223.2600, -30.0310, -0.9030 |

# Conversions

## Conversions Part 2

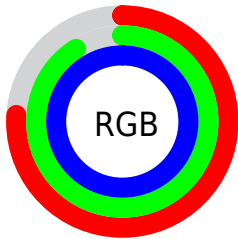
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 194, 217, 255                  |
| Decimal                             | 12773631                       |
| CIE Lab                             | 90.05, -7.39, -15.20           |
| CIE LCh                             | 90, 16.900, 244.085            |
| Yxy                                 | 76.4026, 0.2752,<br>0.3041     |
| Android<br>(android.graphics.Color) | 4290963711<br>(0xFFC2E8FF)     |
| YUV                                 | 223.2600, 15.6478,<br>-25.6610 |
| Hunter-Lab                          | 87.4086, -11.7417,<br>-10.5181 |

# Details

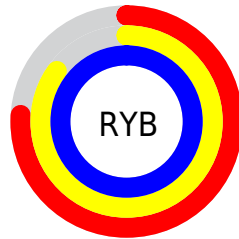
The Hex color **C2E8FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFD9C2**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FBFFFF**, and **8BB0C6** is the 20% darker color. If you saturate the color by 10%, you get **A9DEFF**, and if you desaturate by 10%, it is **DBF2FF**.

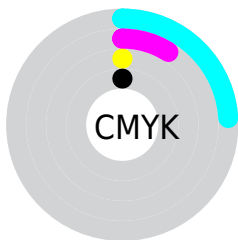
# Distribution



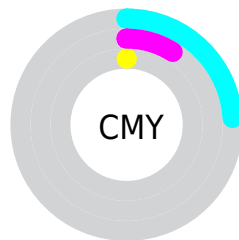
- Red (76%)
- Green (91%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2E8FF 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 C2E8FF by changing the saturation by 10% instead.



 C2E8FF

 C2E8FF

FFFFFF

 A6CCE2

 FBFFFF

 8BB0C6

 7196AB

 577C90

 3E6377

 254B5E

 083546

 001F30

 00021C

 C2E8FF

 C2E8FF

 A9DEFF

 DBF2FF

 8FD5FF

 F5FBFF

 76CBFF

FFFFFF

 5CC2FF

 42B8FF

 29AEFF

 10A5FF

 009FFF

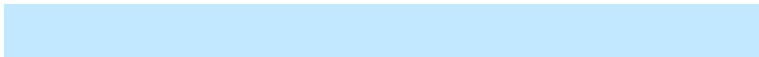
# Harmonies

## Analogous

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



B9EBF4



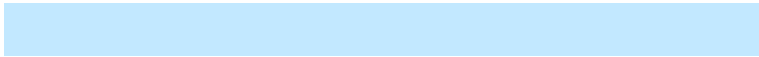
C2E8FF



D4E3FF

# Triad

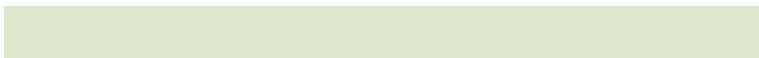
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2E8FF



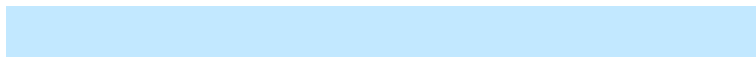
FFD7E1



DBE7C8

# Complementary

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



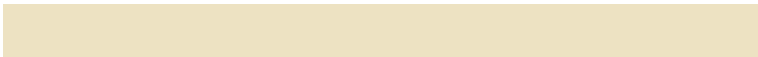
C2E8FF



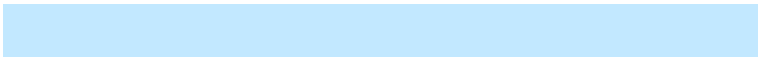
FFD9C2

# 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.



EDE2C2



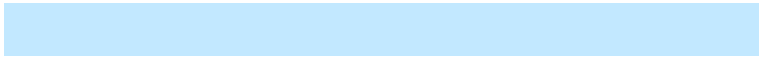
C2E8FF



FFD9D1

# Square

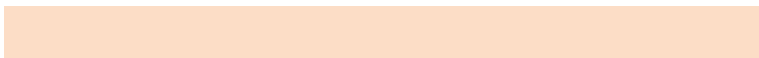
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



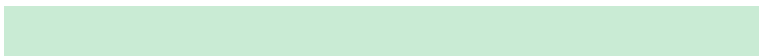
C2E8FF



FAD9F1



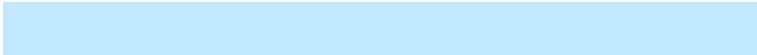
FCDDC6



C9EBD4

# Rectangle

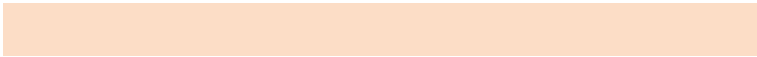
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2E8FF



E2DFFF



FCDDC6

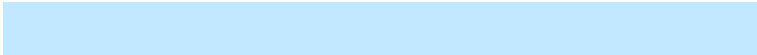


E1E6C5

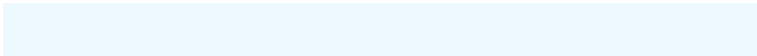


# Sweetspot

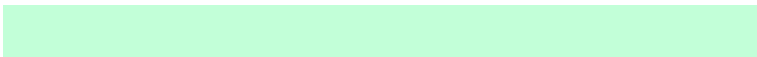
The Sweet Spot groups the original color and five complimentary colors.



C2E8FF



EDF8FF



C2FFD8



757C80



000000

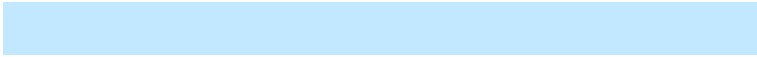


808080

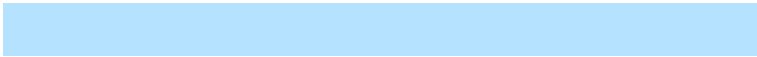


# Same Dimension

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



C2E8FF



B5E3FF



C2CAFF



737B80



0077BF



002840



# Inverse Universe

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



FFC2E8



FFB5E3



FFF7C2



80737B



BF0077

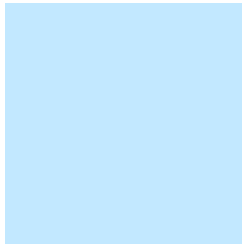


400028



# Previews

## White Background



This preview shows how the Hex color C2E8FF looks on a white background.

## Color Contrast Check

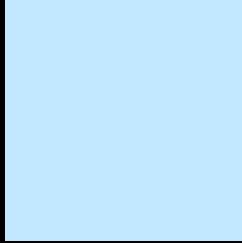
Large Text (above 18pt) WCAG AA × Fail

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 C2E8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

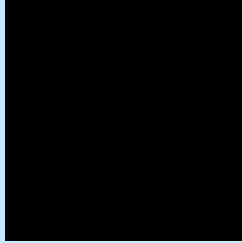
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

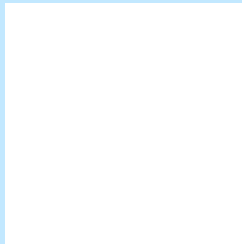
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2E8FF Background



This preview shows how black text looks on a background with the Hex color C2E8FF.



This preview shows how white text looks on a background with the Hex color C2E8FF.

# 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](#).

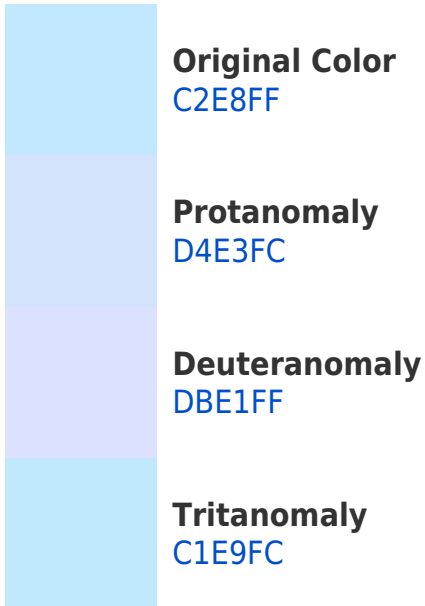
## Dichromacy



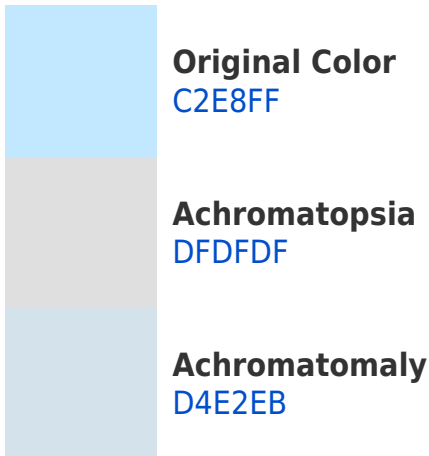


**Tritanopia**  
C1E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2E8FF 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 #C2E8FF looks like.

```
.text, #text, p{  
    color:#C2E8FF  
}
```

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 #C2E8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E8FF
}
```

## Border

The CSS property to change the border of an element to Hex C2E8FF 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
#C2E8FF }
```

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

```
.border{ border-color:#C2E8FF }
```

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

Here you see how a box with a 4 pixel #C2E8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E8FF; -webkit-box-shadow:4px 4px  
4px 4px #C2E8FF; box-shadow:4px 4px 4px  
4px #C2E8FF }
```

# Background

The CSS property to change the background color of an element to Hex C2E8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E8FF }
```

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

```
.background{ background-color:#C2E8FF }
```

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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