

# Converting Colors

Hex(CDEEFF)

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

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# **Color**

**Hex(CDEEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEEFF
RGB	205, 238, 255
RGB Percent	80%, 93%, 100%
CMY	0.1961, 0.0667, 0.0000
CMYK	0.20, 0.07, 0.00, 0.00
HSL	200°, 100%, 90%
HSV	200°, 20%, 100%
XYZ	73.8014, 81.3482, 106.4198
YIQ	230.0710, -25.1250, -1.7090

# Conversions

## Conversions Part 2

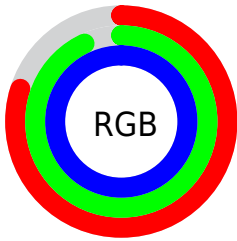
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 225, 255
Decimal	13496063
CIE <sub>Lab</sub>	92.29, -7.19, -11.78
CIE <sub>LCh</sub>	92, 13.800, 238.606
Yxy	81.3482, 0.2821, 0.3110
Android (android.graphics.Color)	4291686143 (0xFFCDEEFF)
YUV	230.0710, 12.2900, -21.9873
Hunter-Lab	90.1932, -11.7791, -6.8215

# Details

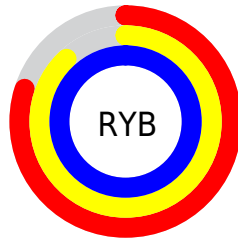
The Hex color **CDEEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFDECD**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **96B6C6** is the 20% darker color. If you saturate the color by 10%, you get **B3E5FF**, and if you desaturate by 10%, it is **E7F7FF**.

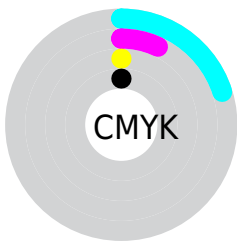
# Distribution



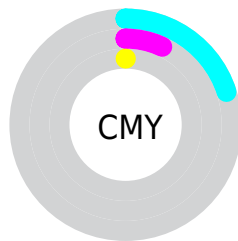
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 CDEEFF

FFFFFF

 CDEEFF

 B1D2E2

 96B6C6

 7C9BAB

 628190

 496877

 31505E

 193946

 002430

 000E1B

 CDEEFF

 CDEEFF

 B3E5FF

 E7F7FF

 9ADDFE

FFFFFF

 81D4FF

 67CBFF

 4EC3FF

 34BAFF

 1AB1FF

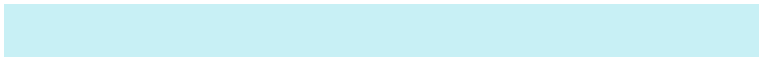
 01A9FF

 00A8FF

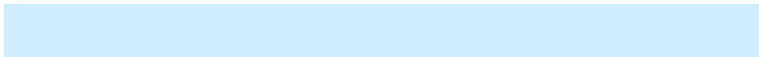
# Harmonies

## Analogous

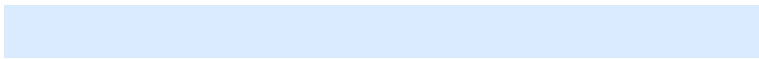
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C8F0F5



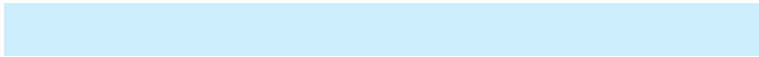
CDEEFF



DAEAFF

# Triad

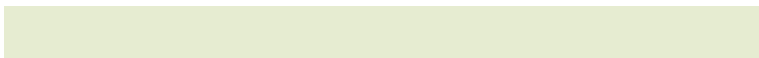
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDEEFF



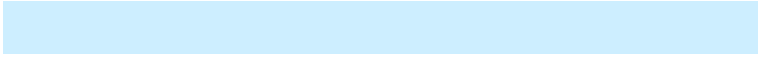
FFE0EA



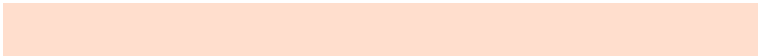
E6ECD1

# Complementary

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



CDEEFF



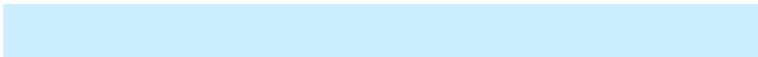
FFDECD

# 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.



F5E8CF



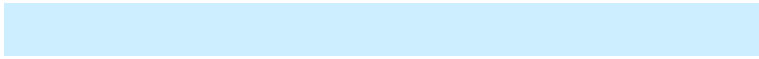
CDEEFF



FFE1DD

# Square

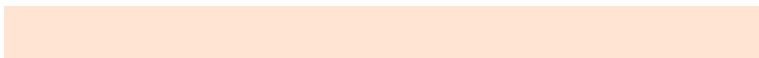
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



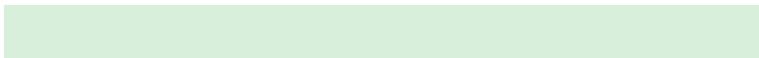
CDEEFF



FAE2F7



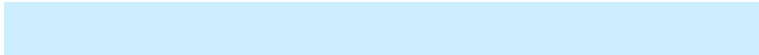
FFE3D3



D7EFDB

# Rectangle

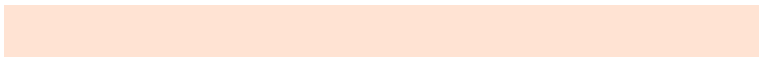
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDEEFF



E5E7FF



FFE3D3

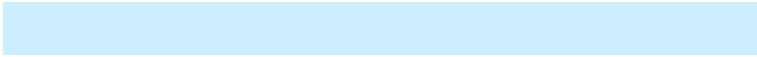


EBEBD0

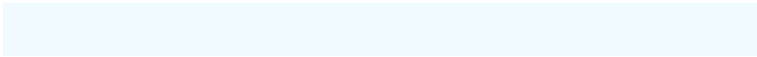


# Sweetspot

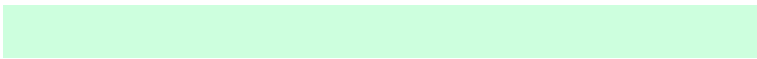
The Sweet Spot groups the original color and five complimentary colors.



CDEEFF



F0FAFF



CDFFDE



777C80



000000

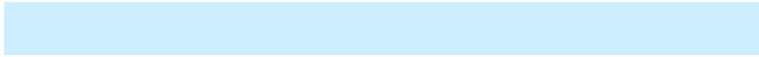


808080

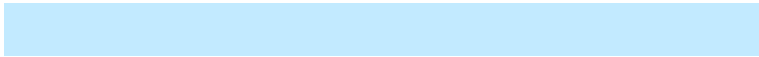


# Same Dimension

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



CDEEFF



C2EAFF



CDD5FF



737B80



007EBF



002A40



# Inverse Universe

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



FFCDEE



FFC2EA



FFF7CD



80737B



BF007E

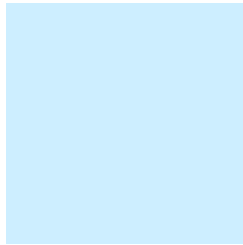


40002A



# Previews

## White Background



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

## Color Contrast Check

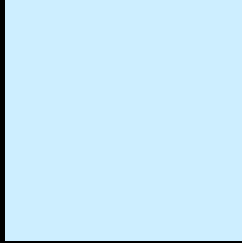
Large Text (above 18pt) WCAG AA × Fail

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 CDEEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

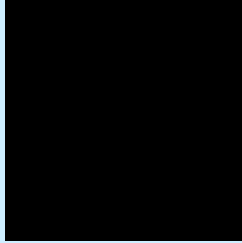
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

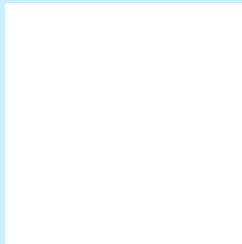
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEEFF Background



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

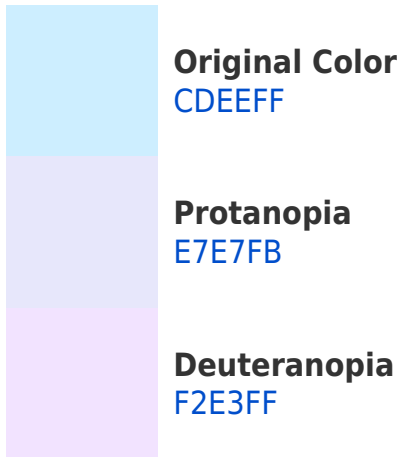


This preview shows how white text looks on a background with the Hex color CDEEFF.

# Color Blindness Simulation

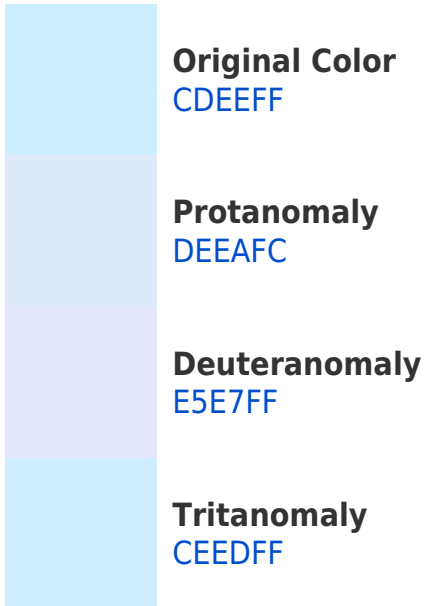
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

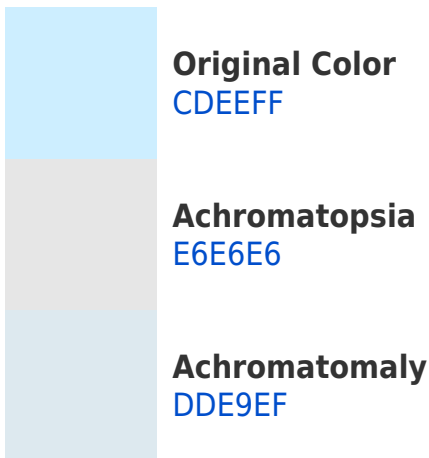




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CDEEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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