

# Converting Colors

Hex(C5D6FF)

Have a look what the booklet for  
Hex(C5D6FF) contains.

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# **Color**

**Hex(C5D6FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5D6FF
RGB	197, 214, 255
RGB Percent	77%, 84%, 100%
CMY	0.2275, 0.1608, 0.0000
CMYK	0.23, 0.16, 0.00, 0.00
HSL	222°, 100%, 89%
HSV	222°, 23%, 100%
XYZ	65.1225, 67.1835, 104.1431
YIQ	213.5910, -23.2930, 9.1470

# Conversions

## Conversions Part 2

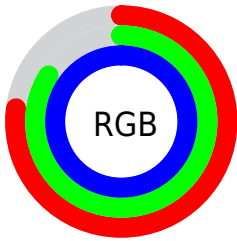
Format	Color
R <sub>Y</sub> B	197, 210, 255
Decimal	12965631
CIE Lab	85.60, 2.88, -21.89
CIE LCh	86, 22.077, 277.487
Yxy	67.1835, 0.2754, 0.2841
Android (android.graphics.Color)	4291155711 (0xFFC5D6FF)
YUV	213.5910, 20.4146, -14.5503
Hunter-Lab	81.9655, -1.6194, -17.9564

# Details

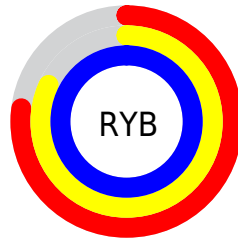
The Hex color **C5D6FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFEEC5**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FEFFFF**, and **8E9FC6** is the 20% darker color. If you saturate the color by 10%, you get **ACC4FF**, and if you desaturate by 10%, it is **DFE8FF**.

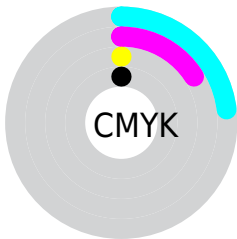
# Distribution



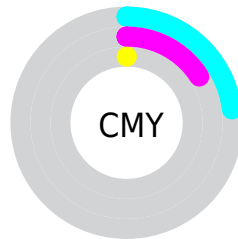
- Red (77%)
- Green (84%)
- Blue (100%)



- Red (77%)
- Yellow (82%)
- Blue (100%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5D6FF 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 C5D6FF by changing the saturation by 10% instead.



 C5D6FF

FFFFFF

FEFFFF

 C5D6FF

 A9BAE2

 8E9FC6

 7485AB

 5B6C90

 425477

 293D5E

 102746

 00132F

 00011A

 C5D6FF

 C5D6FF

 ACC4FF

 DFE8FF

 92B2FF

 F8FAFF

 79A0FF

FFFFFF

 5F8EFF

 457CFF

 2C6AFF

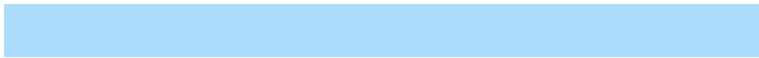
 1258FF

 004BFF

# Harmonies

## Analogous

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



ACDCFC



C5D6FF



E0CFF7

# Triad

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



C5D6FF



FFCABD



B2E1C5

# Complementary

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



C5D6FF



FFEEC5

# 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.



C9DCB4



C5D6FF



F4CFB0

# Square

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



C5D6FF



FFC7D1



E1D6AD



A1E2DB

# Rectangle

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



C5D6FF



F0CBED



E1D6AD



BAE0BF



# Sweetspot

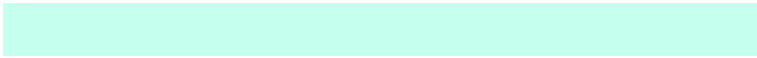
The Sweet Spot groups the original color and five complimentary colors.



C5D6FF



EDF2FF



C5FFEE



757880



000000



808080



# Same Dimension

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



C5D6FF



BACEFF



D1C5FF



737680



0038BF



001340



# Inverse Universe

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



FFC5D6



FFBACE



F3FFC5



807376



BF0038

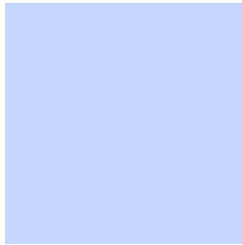


400013



# Previews

## White Background



This preview shows how the Hex color C5D6FF looks on a white background.

## Color Contrast Check

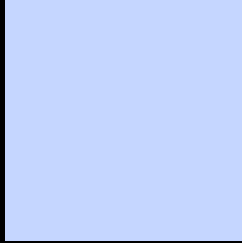
Large Text (above 18pt) WCAG AA × Fail

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 C5D6FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

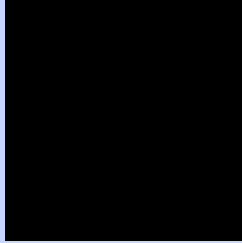
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

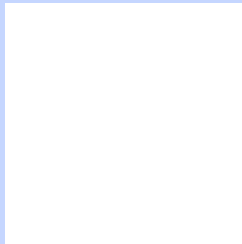
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5D6FF Background



This preview shows how black text looks on a background with the Hex color C5D6FF.

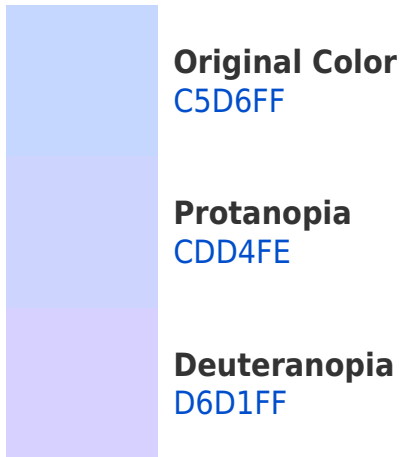


This preview shows how white text looks on a background with the Hex color C5D6FF.

# 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](#).

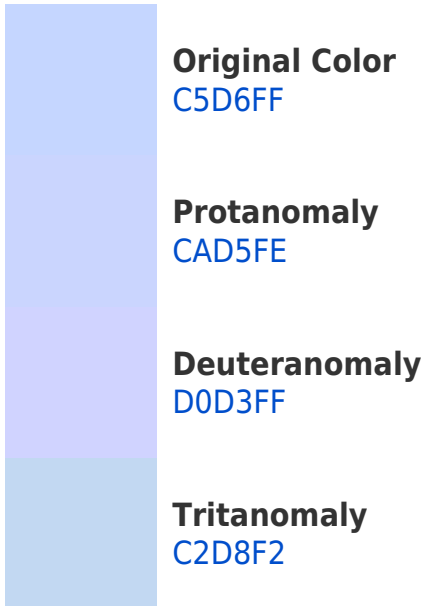
## Dichromacy





**Tritanopia**  
C1D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5D6FF 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 #C5D6FF looks like.

```
.text, #text, p{  
    color:#C5D6FF  
}
```

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 #C5D6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D6FF
}
```

## Border

The CSS property to change the border of an element to Hex C5D6FF 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
#C5D6FF }
```

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

```
.border{ border-color:#C5D6FF }
```

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

Here you see how a box with a 4 pixel #C5D6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D6FF; -webkit-box-shadow:4px 4px  
4px 4px #C5D6FF; box-shadow:4px 4px 4px  
4px #C5D6FF }
```

# Background

The CSS property to change the background color of an element to Hex C5D6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D6FF }
```

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

```
.background{ background-color:#C5D6FF }
```

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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