

# Converting Colors

Hex(C5D1FF)

Have a look what the booklet for  
Hex(C5D1FF) contains.

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# **Color**

**Hex(C5D1FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D1FF
RGB	197, 209, 255
RGB Percent	77%, 82%, 100%
CMY	0.2275, 0.1804, 0.0000
CMYK	0.23, 0.18, 0.00, 0.00
HSL	228°, 100%, 89%
HSV	228°, 23%, 100%
XYZ	63.8764, 64.6912, 103.7278
YIQ	210.6560, -21.9180, 11.7620

# Conversions

## Conversions Part 2

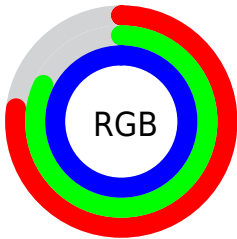
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	197, 207, 255
Decimal	12964351
CIE Lab	84.32, 5.53, -23.82
CIE LCh	84, 24.453, 283.071
Yxy	64.6912, 0.2750, 0.2785
Android (android.graphics.Color)	4291154431 (0xFFC5D1FF)
YUV	210.6560, 21.8616, -11.9763
Hunter-Lab	80.4309, 1.0067, -20.1618

# Details

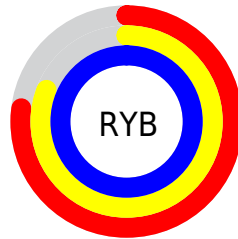
The Hex color **C5D1FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFF3C5**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FEFFFF**, and **8E9BC6** is the 20% darker color. If you saturate the color by 10%, you get **ACBDFF**, and if you desaturate by 10%, it is **DFE5FF**.

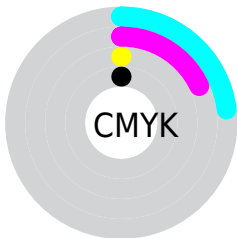
# Distribution



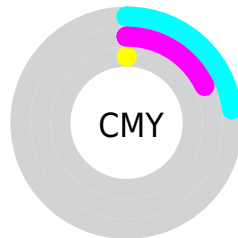
- Red (77%)
- Green (82%)
- Blue (100%)



- Red (77%)
- Yellow (81%)
- Blue (100%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5D1FF 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 C5D1FF by changing the saturation by 10% instead.



 C5D1FF

 C5D1FF

FFFFFF

 A9B5E2

FEFFFF

 8E9BC6

 7481AB

 5B6890

 425076

 29395E

 0F2446

 000E2F

 00011A

 C5D1FF

 C5D1FF

 ACBDFF

 DFE5FF

 92A9FF

 F8F9FF

 7994FF

FFFFFF

 5F80FF

 456CFF

 2C58FF

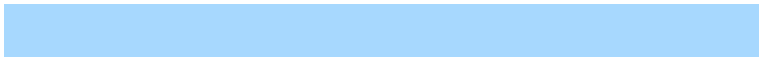
 1243FF

 0035FF

# Harmonies

## Analogous

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



A7D8FE



C5D1FF



E3C9F4

# Triad

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



C5D1FF



FFC6B4



A6DFC4

# Complementary

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



C5D1FF



FFF3C5

# 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.



BFDBB0



C5D1FF



F0CCA7

# Square

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



C5D1FF



FFC2C9



D9D4A5



95E0DC

# Rectangle

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



C5D1FF



F2C5E8



D9D4A5



AEDEBD



# Sweetspot

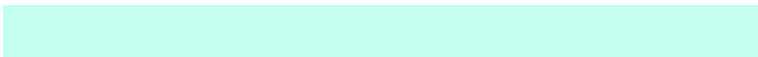
The Sweet Spot groups the original color and five complimentary colors.



C5D1FF



EDF1FF



C5FFF2



757780



000000



808080



# Same Dimension

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



C5D1FF



BAC8FF



D5C5FF



737580



0028BF



000D40



# Inverse Universe

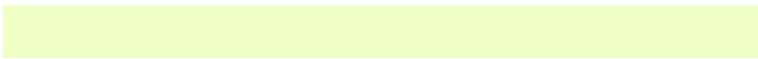
The Inverse Universe completely reimagines the original color for something new.



FFC5D1



FFBAC8



EFFFC5



807375



BF0028

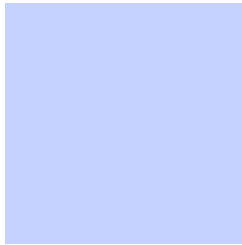


40000D



# Previews

## White Background



This preview shows how the Hex color C5D1FF looks on a white background.

## Color Contrast Check

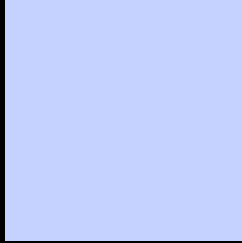
Large Text (above 18pt) WCAG AA × Fail

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 C5D1FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

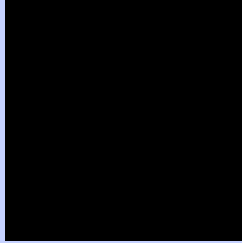
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5D1FF Background



This preview shows how black text looks on a background with the Hex color C5D1FF.



This preview shows how white text looks on a background with the Hex color C5D1FF.

# 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



**Original Color**  
C5D1FF

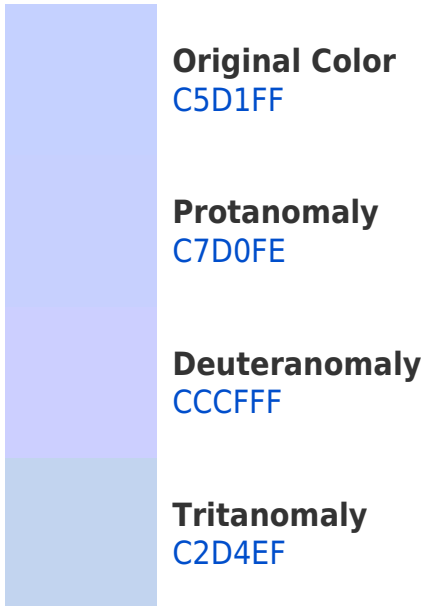
**Protanopia**  
C8D0FE

**Deuteranopia**  
D0CEFF

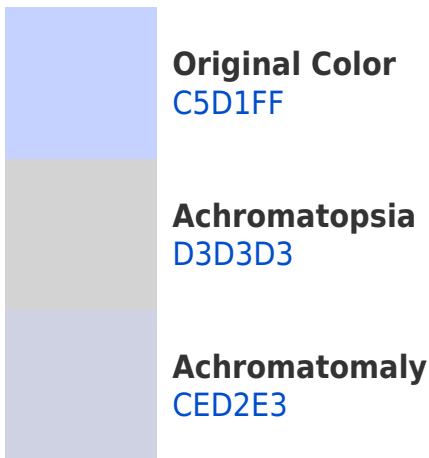


**Tritanopia**  
COD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5D1FF 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 #C5D1FF looks like.

```
.text, #text, p{  
    color:#C5D1FF  
}
```

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 #C5D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5D1FF
}
```

## Border

The CSS property to change the border of an element to Hex C5D1FF 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
#C5D1FF }
```

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

```
.border{ border-color:#C5D1FF }
```

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

Here you see how a box with a 4 pixel #C5D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5D1FF; -webkit-box-shadow:4px 4px  
4px 4px #C5D1FF; box-shadow:4px 4px 4px  
4px #C5D1FF }
```

# Background

The CSS property to change the background color of an element to Hex C5D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5D1FF }
```

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

```
.background{ background-color:#C5D1FF }
```

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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