

Converting Colors

Hex(C6DDFF)

Have a look what the booklet for
Hex(C6DDFF) contains.

Hex(C6DDFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C6DDFF)

Conversions

Conversions Part 1

Format	Color
Hex	C6DDFF
RGB	198, 221, 255
RGB Percent	78%, 87%, 100%
CMY	0.2235, 0.1333, 0.0000
CMYK	0.22, 0.13, 0.00, 0.00
HSL	216°, 100%, 89%
HSV	216°, 22%, 100%
XYZ	67.1952, 70.9387, 104.7587
YIQ	217.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

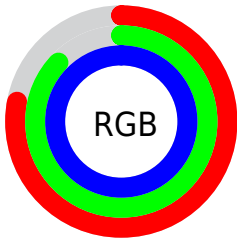
Format	Color
R _Y B	198, 214, 255
Decimal	13032959
CIE Lab	87.46, -0.51, -19.07
CIE LCh	87, 19.078, 268.476
Yxy	70.9387, 0.2766, 0.2921
Android (android.graphics.Color)	4291223039 (0xFFC6DDFF)
YUV	217.9990, 18.2415, -17.5391
Hunter-Lab	84.2251, -4.9858, -14.7870

Details

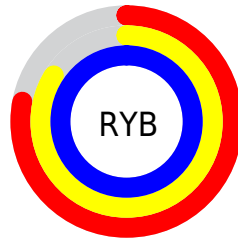
The Hex color **C6DDFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE8C6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **8FA6C6** is the 20% darker color. If you saturate the color by 10%, you get **ADCEFF**, and if you desaturate by 10%, it is **E0ECFF**.

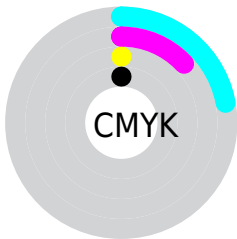
Distribution



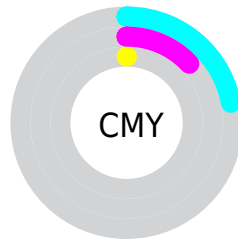
- Red (78%)
- Green (87%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6DDFF 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 C6DDFF by changing the saturation by 10% instead.

 C6DDFF

FFFFFF

 C6DDFF

 AAC1E2

 8FA6C6

 758CAB

 5C7290

 435A77

 2A425E

 112C46

 001830

 00011B

 C6DDFF

 C6DDFF

 ADCEFF

 E0ECFF

 93BFFF

 F9FBFF

 7AAFFF

FFFFFF

 60A0FF

 4791FF

 2D82FF

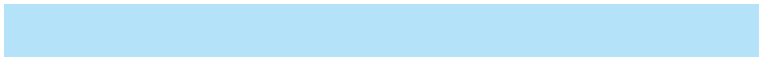
 1473FF

 0067FF

Harmonies

Analogous

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



B3E2F9



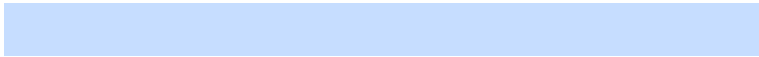
C6DDFF



DDD7FB

Triad

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



C6DDFF



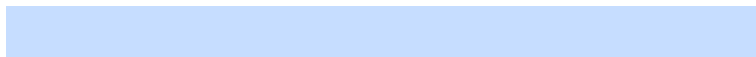
FFD0CB



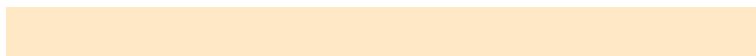
C2E4C8

Complementary

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



C6DDFF



FFE8C6

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.



D7DFBB



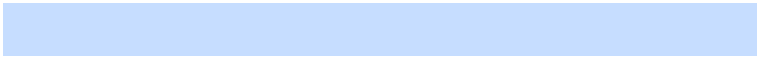
C6DDFF



FAD4BD

Square

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



C6DDFF



FFCFDD



EBDAB7



B2E6DA

Rectangle

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



C6DDFF



ECD3F3



EBDAB7



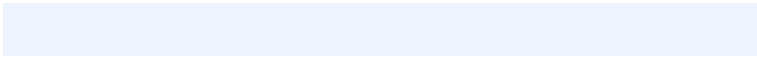
C9E2C3

Sweetspot

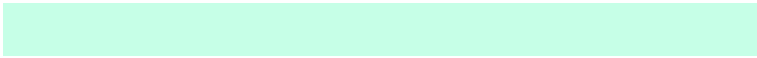
The Sweet Spot groups the original color and five complimentary colors.



C6DDFF



EDF4FF



C6FFE7



757980



000000



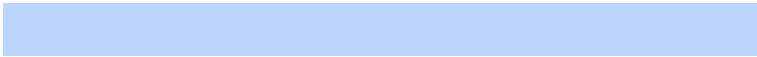
808080

Same Dimension

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



C6DDFF



BAD6FF



CBC6FF



737880



004DBF



001A40

Inverse Universe

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



FFC6DD



FFBAD6



FAFFC6



807378



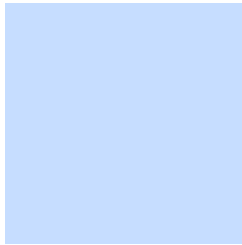
BF004D



40001A

Previews

White Background



This preview shows how the Hex color C6DDFF looks on a white background.

Color Contrast Check

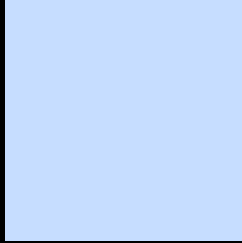
Large Text (above 18pt) WCAG AA × Fail

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 C6DDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

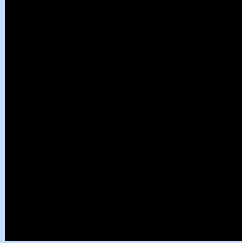
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

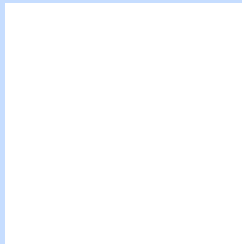
Any Text WCAG AAA ✓ Pass

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

Hex C6DDFF Background



This preview shows how black text looks on a background with the Hex color C6DDFF.

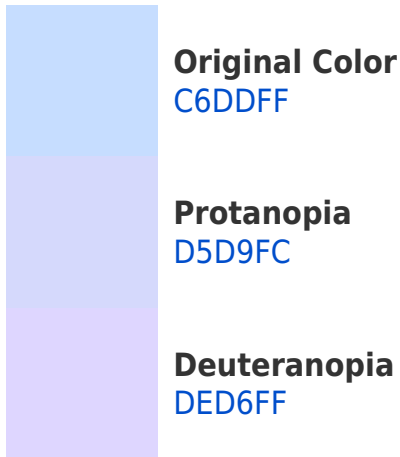


This preview shows how white text looks on a background with the Hex color C6DDFF.

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



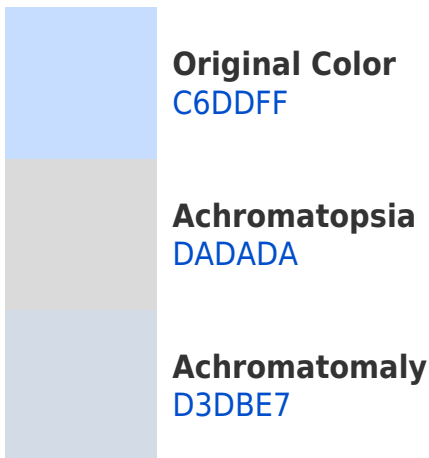


Tritanopia
C3DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6DDFF 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 #C6DDFF looks like.

```
.text, #text, p{  
    color:#C6DDFF  
}
```

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 #C6DDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6DDFF
}
```

Border

The CSS property to change the border of an element to Hex C6DDFF 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
#C6DDFF }
```

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

```
.border{ border-color:#C6DDFF }
```

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

Here you see how a box with a 4 pixel #C6DDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6DDFF; -webkit-box-shadow:4px 4px  
4px 4px #C6DDFF; box-shadow:4px 4px 4px  
4px #C6DDFF }
```

Background

The CSS property to change the background color of an element to Hex C6DDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6DDFF }
```

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

```
.background{ background-color:#C6DDFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor