

Converting Colors

Hex(C4F4FF)

Have a look what the booklet for
Hex(C4F4FF) contains.

Hex(C4F4FF)	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(C4F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	C4F4FF
RGB	196, 244, 255
RGB Percent	77%, 96%, 100%
CMY	0.2314, 0.0431, 0.0000
CMYK	0.23, 0.04, 0.00, 0.00
HSL	191°, 100%, 88%
HSV	191°, 23%, 100%
XYZ	73.1656, 83.6571, 106.8989
YIQ	230.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

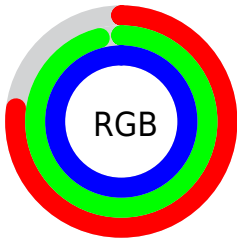
Format	Color
RYB	196, 222, 255
Decimal	12907775
CIELab	93.30, -12.89, -10.33
CIElCh	93, 16.514, 218.708
Yxy	83.6571, 0.2774, 0.3172
Android (android.graphics.Color)	4291097855 (0xFFC4F4FF)
YUV	230.9020, 11.8803, -30.6091
Hunter-Lab	91.4643, -17.2738, -5.2702

Details

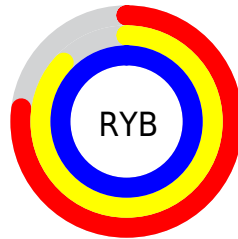
The Hex color **C4F4FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCFC4**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FDFFFF**, and **8DBCC6** is the 20% darker color. If you saturate the color by 10%, you get **ABEFFF**, and if you desaturate by 10%, it is **DEF9FF**.

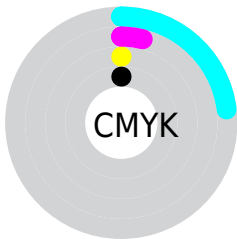
Distribution



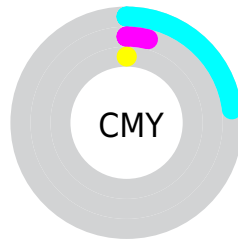
- Red (77%)
- Green (96%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F4FF 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 C4F4FF by changing the saturation by 10% instead.

 C4F4FF

 C4F4FF

FFFFFF

 A8D8E2

FDFFFF

 8DBCC6

 73A1AB

 598691

 3F6D77

 26555E

 083D47

 002830

 00141B

 C4F4FF

 C4F4FF

 ABEFFF

 DEF9FF

 91EAFF

 F7FEFF

 78E6FF

 FFFFFFFF

 5EE1FF

 45DCFF

 2BD7FF

 12D3FF

 00CFFF

Harmonies

Analogous

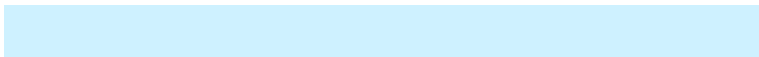
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5F5F0



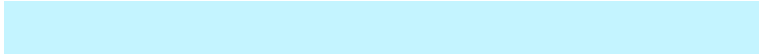
C4F4FF



CEF1FF

Triad

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



C4F4FF



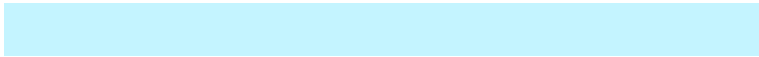
FFE2F8



F4ECCC

Complementary

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



C4F4FF



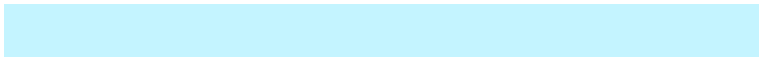
FFCFC4

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.



FFE7CF



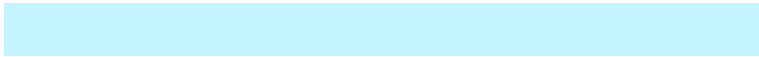
C4F4FF



FFE1E8

Square

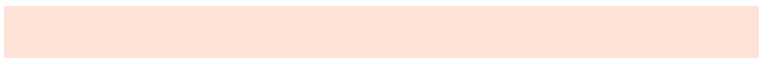
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4F4FF



F5E6FF



FFE3D9



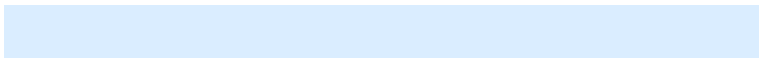
E2F1D3

Rectangle

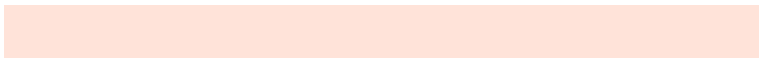
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



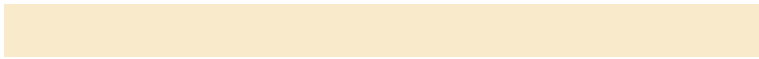
C4F4FF



DAEDFF



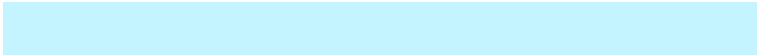
FFE3D9



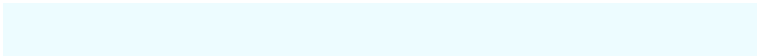
FAEACC

Sweetspot

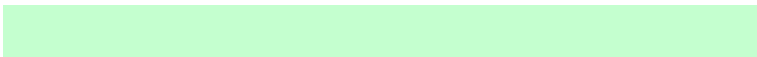
The Sweet Spot groups the original color and five complimentary colors.



C4F4FF



EDFCFF



C4FFCF



757E80



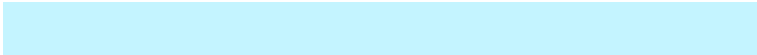
000000



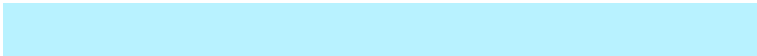
808080

Same Dimension

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



C4F4FF



B8F2FF



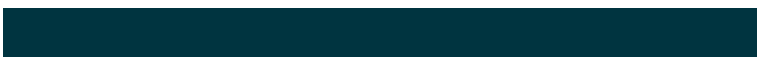
C4D7FF



737D80



009CBF



003440

Inverse Universe

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



FFC4F4



FFB8F2



FFECC4



80737D



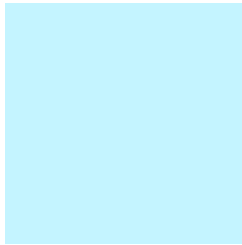
BF009C



400034

Previews

White Background



This preview shows how the Hex color C4F4FF looks on a white background.

Color Contrast Check

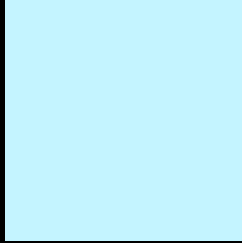
Large Text (above 18pt) WCAG AA × Fail

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 C4F4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

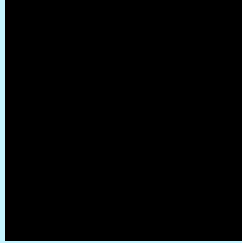
Any Text WCAG AA ✓ Pass

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 C4F4FF Background



This preview shows how black text looks on a background with the Hex color C4F4FF.

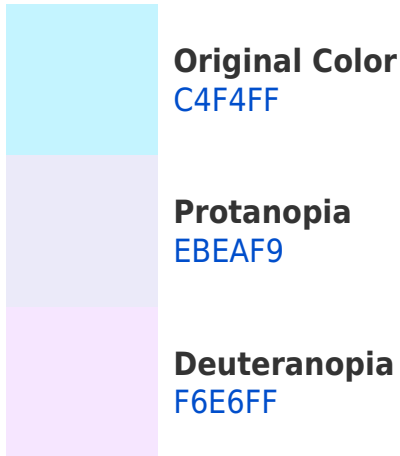


This preview shows how white text looks on a background with the Hex color C4F4FF.

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](#).

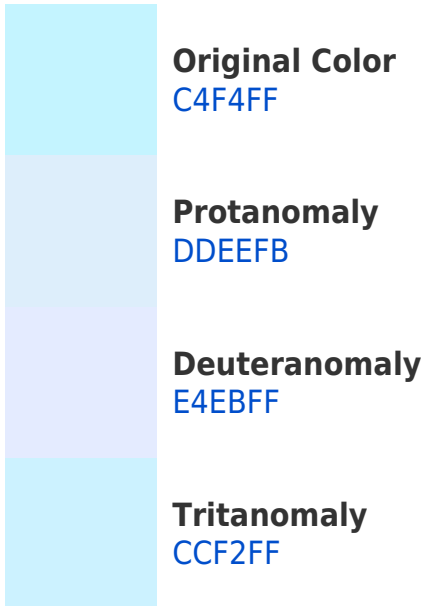
Dichromacy



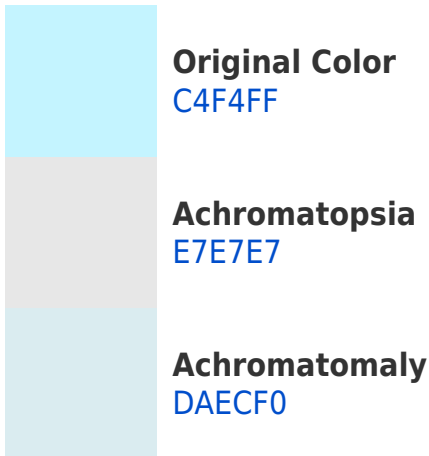


Tritanopia
D1F1FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4F4FF 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 #C4F4FF looks like.

```
.text, #text, p{  
    color:#C4F4FF  
}
```

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 #C4F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F4FF
}
```

Border

The CSS property to change the border of an element to Hex C4F4FF 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
#C4F4FF }
```

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

```
.border{ border-color:#C4F4FF }
```

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

Here you see how a box with a 4 pixel #C4F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F4FF; -webkit-box-shadow:4px 4px  
4px 4px #C4F4FF; box-shadow:4px 4px 4px  
4px #C4F4FF }
```

Background

The CSS property to change the background color of an element to Hex C4F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F4FF }
```

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

```
.background{ background-color:#C4F4FF }
```

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