

Converting Colors

Hex(CBFFF2)

Have a look what the booklet for
Hex(CBFFF2) contains.

Hex(CBFFF2)	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(CBFFF2)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFF2
RGB	203, 255, 242
RGB Percent	80%, 100%, 95%
CMY	0.2039, 0.0000, 0.0510
CMYK	0.20, 0.00, 0.05, 0.00
HSL	165°, 100%, 90%
HSV	165°, 20%, 100%
XYZ	76.4156, 90.6273, 97.4697
YIQ	237.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

Format	Color
R _Y B	203, 233, 255
Decimal	13369330
CIE Lab	96.26, -18.94, 0.79
CIE LCh	96, 18.954, 177.602
Yxy	90.6273, 0.2889, 0.3426
Android (android.graphics.Color)	4291559410 (0xFFC _B FF _F 2)
YUV	237.9700, 1.9868, -30.6687
Hunter-Lab	95.1984, -23.3154, 5.9343

Details

The Hex color **CBFFF2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFCBD8**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **94C6BA** is the 20% darker color. If you saturate the color by 10%, you get **B2FFEC**, and if you desaturate by 10%, it is **E4FFF8**.

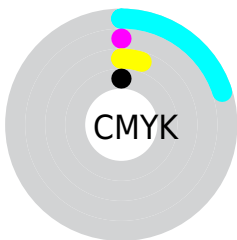
Distribution



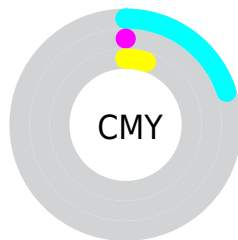
- Red (80%)
- Green (100%)
- Blue (95%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBFFF2 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 CBFFF2 by changing the saturation by 10% instead.

 CBFFF2

FFFFFF

 CBFFF2

 AFE2D6

 94C6BA

 7AAB9F

 609085

 47766C

 2E5E53

 15463C

 002F27

 001C12

 CBFFF2

 CBFFF2

 B2FFEC

 E4FFF8

 98FFE5

FEFFFF

 7EFFDF

FFFFFF

 65FFD9

 4BFFD2

 32FFCC

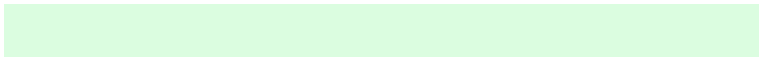
 18FFC5

 00FFBF

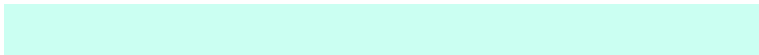
Harmonies

Analogous

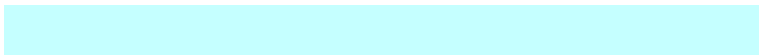
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBFDE0



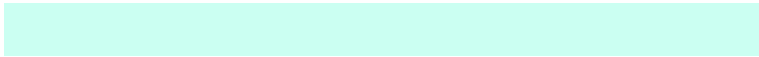
CBFFF2



C5FFFF

Triad

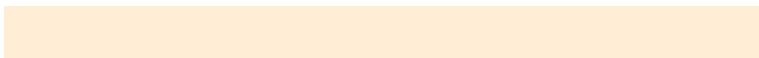
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBFFF2



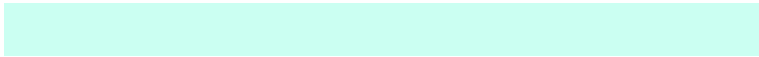
F6F0FF



FFEDD6

Complementary

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



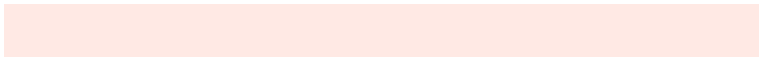
CBFFF2



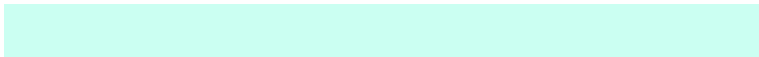
FFCBD8

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.



FFE9E4



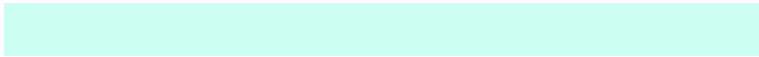
CBFFF2



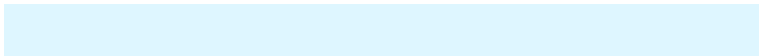
FFEBFF

Square

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



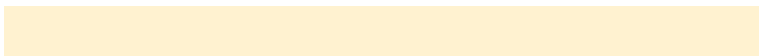
CBFFF2



DEF6FF



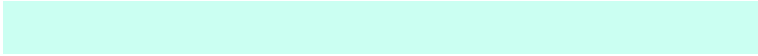
FFE8F6



FFF2D0

Rectangle

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



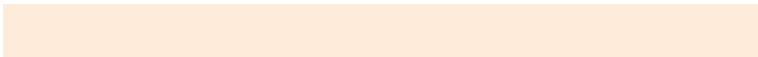
`CBFFF2`



`C8FDFF`



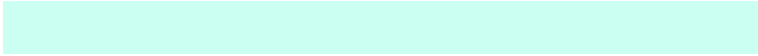
`FFE8F6`



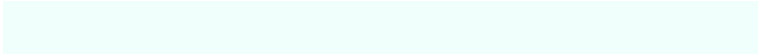
`FFE8DA`

Sweetspot

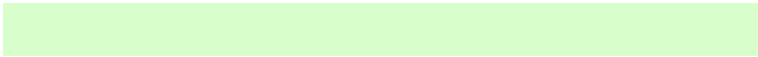
The Sweet Spot groups the original color and five complimentary colors.



CBFFF2



F0FFFB



D8FFCB



77807D



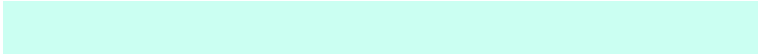
000000



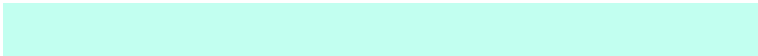
808080

Same Dimension

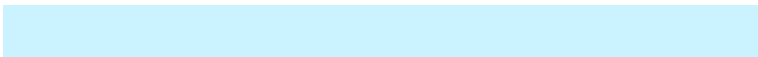
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFFF2



C2FFF0



CBF2FF



73807C



00BF8F



004030

Inverse Universe

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



FFCBD8



FFC2D1



FFD8CB



807376



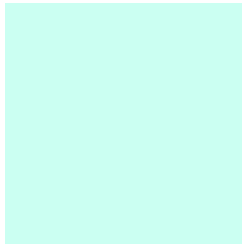
BF0030



400010

Previews

White Background



This preview shows how the Hex color CBFFF2 looks on a white background.

Color Contrast Check

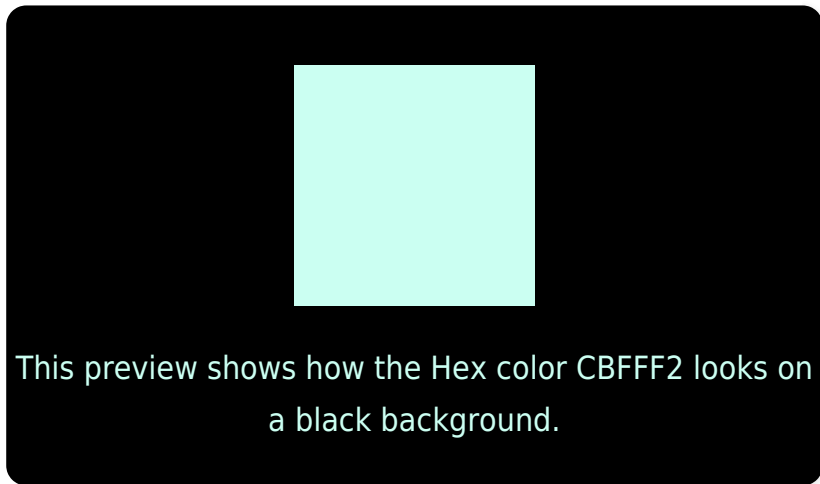
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

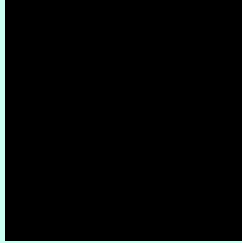
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

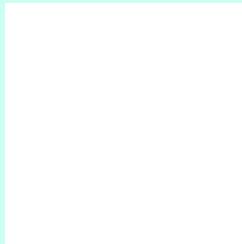
Any Text WCAG AAA ✓ Pass

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

Hex CBFFF2 Background



This preview shows how black text looks on a background with the Hex color CBFFF2.

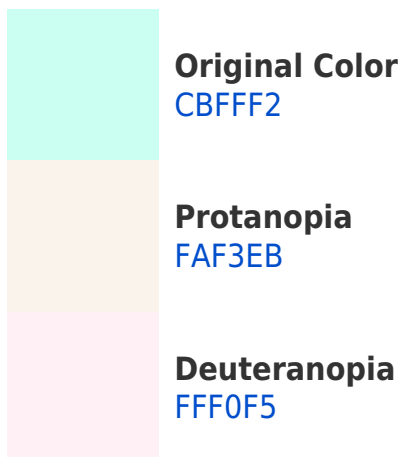


This preview shows how white text looks on a background with the Hex color CBFFF2.

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



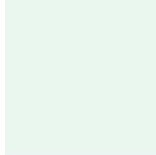


Tritanopia
E6F7FF

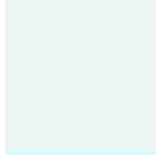
Trichromacy



Original Color
CBFFF2



Protanomaly
E9F7EE



Deuteranomaly
ECF5F4

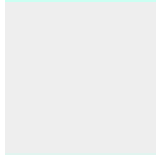


Tritanomaly
DCFAFA

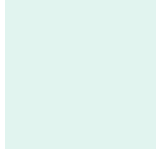
Monochromacy



Original Color
CBFFF2



Achromatopsia
EEEEEE



Achromatomaly
E1F4EF

CSS Examples

Text

The CSS property to change the color of the text to Hex CBFFF2 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 #CBFFF2 looks like.

```
.text, #text, p{  
    color:#CBFFF2  
}
```

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 #CBFFF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBFFF2
}
```

Border

The CSS property to change the border of an element to Hex CBFFF2 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
#CBFFF2 }
```

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

```
.border{ border-color:#CBFFF2 }
```

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

Here you see how a box with a 4 pixel #CBFFF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBFFF2; -webkit-box-shadow:4px 4px  
4px 4px #CBFFF2; box-shadow:4px 4px 4px  
4px #CBFFF2 }
```

Background

The CSS property to change the background color of an element to Hex CBFFF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBFFF2 }
```

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

```
.background{ background-color:#CBFFF2 }
```

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