

Converting Colors

Hex(6CFCBF)

Have a look what the booklet for
Hex(6CFCBF) contains.

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Color

Hex(6CFCBF)

Conversions

Conversions Part 1

Format	Color
Hex	6CFCBF
RGB	108, 252, 191
RGB Percent	42%, 99%, 75%
CMY	0.5765, 0.0118, 0.2510
CMYK	0.57, 0.00, 0.24, 0.01
HSL	155°, 96%, 71%
HSV	155°, 57%, 99%
XYZ	50.3987, 76.5705, 61.4135
YIQ	201.9900, -66.2430, -49.4990

Conversions

Conversions Part 2

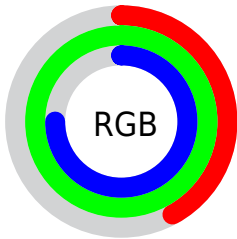
Format	Color
RYB	108, 199, 252
Decimal	7142591
CIELab	90.12, -52.73, 17.73
CIELCh	90, 55.631, 161.420
Yxy	76.5705, 0.2675, 0.4065
Android (android.graphics.Color)	4285332671 (0xFF6CFCBF)
YUV	201.9900, -5.4181, -82.4292
Hunter-Lab	87.5046, -50.3251, 19.6416

Details

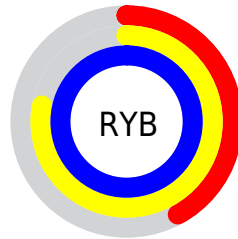
The Hex color **6CFCBF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FC6CA9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A9FFF7**, and **21C289** is the 20% darker color. If you saturate the color by 10%, you get **53FCB4**, and if you desaturate by 10%, it is **85FCCA**.

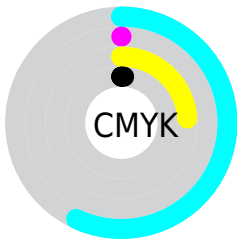
Distribution



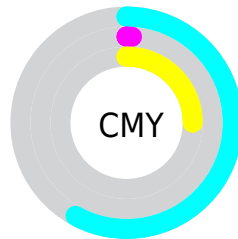
- Red (42%)
- Green (99%)
- Blue (75%)



- Red (42%)
- Yellow (78%)
- Blue (99%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (58%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CFCBF 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 6CFCBF by changing the saturation by 10% instead.

 6CFCBF

 6CFCBF

FFFFFF

 4BDFA4

 A9FFF7

 21C289

 C8FFFF

 00A770

 E6FFFF

 008B57

 007140

 005729

 003F14

 002800

 000100

 6CFCBF

 6CFCBF

 53FCB4

 85FCCA

 3AFCAA

 9EFCD4

 20FC9F

 B8FCDF

 07FC94

 D1FCEA

 00FC91

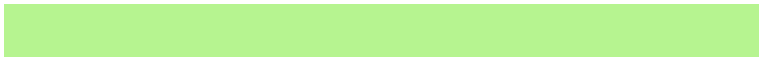
 EAFCF4

 FFFCFF

Harmonies

Analogous

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



B6F490



6CFCBF



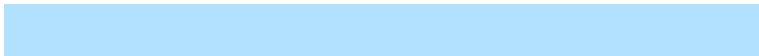
00FFF6

Triad

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



6CFCBF



B2E1FF



FFC29F

Complementary

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



6CFCBF



FC6CA9

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.



FFB8D0



6CFCBF



FFCDFF

Square

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



6CFCBF



30F2FF



FFBCFF



FFD47E

Rectangle

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



6CFCBF



00DFFF



FFBCFF



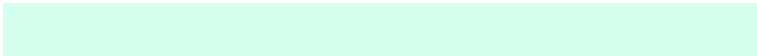
FFBDAE

Sweetspot

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



6CFCBF



D4FFED



AAFC6C



668075



000000



808080

Same Dimension

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



6CFCBF



4FFFB4



6CF2FC



707D78



00BD6D



003D23

Inverse Universe

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



FC6CA9



FF4F9A



FC766C



7D7076



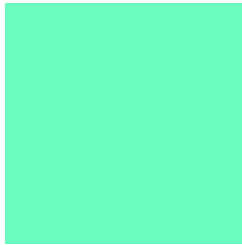
BD0050



3D001A

Previews

White Background



This preview shows how the Hex color 6CFCBF looks on a white background.

Color Contrast Check

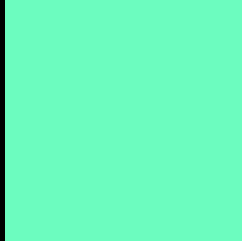
Large Text (above 18pt) WCAG AA × Fail

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 6CFCBF 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 6CFCBF Background



This preview shows how black text looks on a background with the Hex color 6CFCBF.

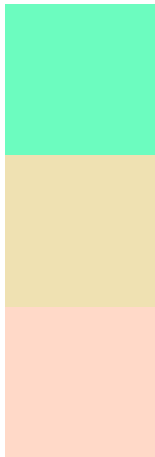


This preview shows how white text looks on a background with the Hex color 6CFCBF.

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](#).

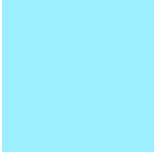
Dichromacy



Original Color
6CFCBF

Protanopia
EFE1B2

Deuteranopia
FFD9C8



Tritanopia
9CEFF

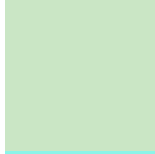
Trichromacy



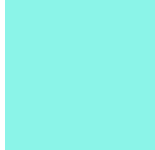
Original Color
6CFCBF



Protanomaly
BFEBB7



Deuteranomaly
CAE6C5

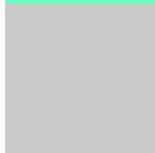


Tritanomaly
8BF4E8

Monochromacy



Original Color
6CFCBF



Achromatopsia
CACACA



Achromatomaly
A8DCC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CFCBF 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 #6CFCBF looks like.

```
.text, #text, p{  
    color:#6CFCBF  
}
```

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 #6CFCBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFCBF
}
```

Border

The CSS property to change the border of an element to Hex 6CFCBF 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
#6CFCBF }
```

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

```
.border{ border-color:#6CFCBF }
```

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

Here you see how a box with a 4 pixel #6CFCBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFCBF; -webkit-box-shadow:4px 4px  
4px 4px #6CFCBF; box-shadow:4px 4px 4px  
4px #6CFCBF }
```

Background

The CSS property to change the background color of an element to Hex 6CFCBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFCBF }
```

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

```
.background{ background-color:#6CFCBF }
```

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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