

# Converting Colors

Hex(6BFFC4)

Have a look what the booklet for  
Hex(6BFFC4) contains.

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# Color

**Hex(6BFFC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BFFC4
RGB	107, 255, 196
RGB Percent	42%, 100%, 77%
CMY	0.5804, 0.0000, 0.2314
CMYK	0.58, 0.00, 0.23, 0.00
HSL	156°, 100%, 71%
HSV	156°, 58%, 100%
XYZ	51.7872, 78.6313, 64.6724
YIQ	204.0220, -69.2690, -49.7250

# Conversions

## Conversions Part 2

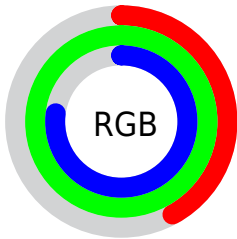
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 199, 255</a>
Decimal	<a href="#">7077828</a>
CIELab	<a href="#">91.07, -53.12, 16.48</a>
CIElCh	<a href="#">91, 55.614, 162.763</a>
Yxy	<a href="#">78.6313, 0.2655, 0.4030</a>
Android (android.graphics.Color)	<a href="#">4285267908 (0xFF6BFFC4)</a>
YUV	<a href="#">204.0220, -3.9548, -85.0883</a>
Hunter-Lab	<a href="#">88.6743, -50.9332, 18.8303</a>

# Details

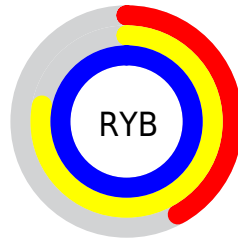
The Hex color **6BFFC4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6BA6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A9FFFD**, and **1DC58E** is the 20% darker color. If you saturate the color by 10%, you get **52FFBA**, and if you desaturate by 10%, it is **85FFCE**.

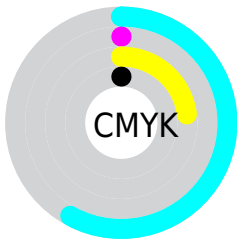
# Distribution



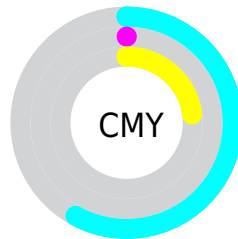
- Red (42%)
- Green (100%)
- Blue (77%)



- Red (42%)
- Yellow (78%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BFFC4 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 6BFFC4 by changing the saturation by 10% instead.



 6BFFC4

FFFFFF

 A9FFFD

 C7FFFF

 E6FFFF

 6BFFC4

 49E2A9

 1DC58E

 00A974

 008E5C

 007444

 005A2D

 004118

 002B00

 000700

 6BFFC4

 6BFFC4


 52FFBA

 85FFCE

 38FFB0

 9EFFD8

 1FFFA6

 B8FFE2

 05FF9B

 D1FFED

 00FF99

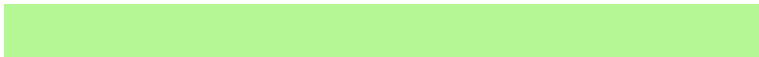
 EBFFF7

FFFFFF

# Harmonies

## Analogous

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



B5F795



6BFFC4



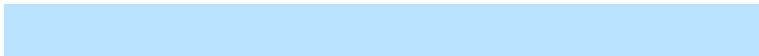
00FFFB

# Triad

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



6BFFC4



B9E3FF



FFC59F

# Complementary

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



6BFFC4



FF6BA6

# 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.



FFBAD0



6BFFC4



FFCFFF

# Square

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



6BFFC4



40F4FF



FFBEFF



FFD87F

# Rectangle

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



6BFFC4



00FFFF



FFBEFF



FFC0AE

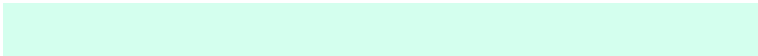


# Sweetspot

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



6BFFC4



D4FFEE



A6FF6B



668075



000000

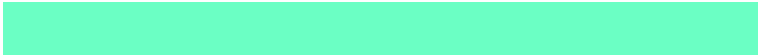


808080



# Same Dimension

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



6BFFC4



4DFFB8



6BF0FF



73807A



00BF73



004026



# Inverse Universe

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



FF6BA6



FF4D94



FF7A6B



807378



BF004C

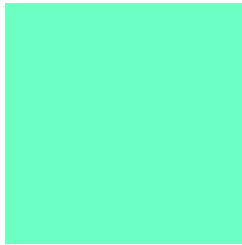


400019



# Previews

## White Background



This preview shows how the Hex color 6BFFC4 looks on a white background.

## Color Contrast Check

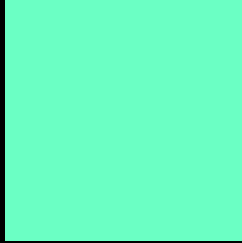
Large Text (above 18pt) WCAG AA × Fail

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 6BFFC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

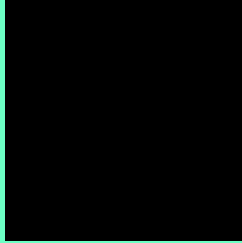
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BFFC4 Background



This preview shows how black text looks on a background with the Hex color 6BFFC4.



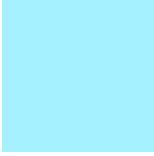
This preview shows how white text looks on a background with the Hex color 6BFFC4.

# 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



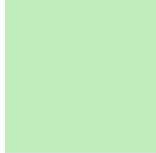


**Tritanopia**  
A6F1FF

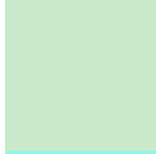
# Trichromacy



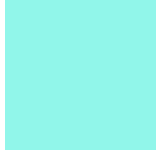
**Original Color**  
6BFFC4



**Protanomaly**  
C1EDBC

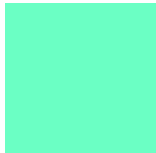


**Deuteranomaly**  
C9E9CB

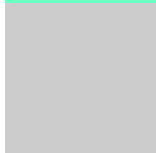


**Tritanomaly**  
91F6EA

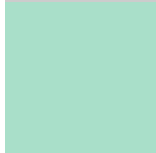
# Monochromacy



**Original Color**  
6BFFC4



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
A9DFC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BFFC4 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 #6BFFC4 looks like.

```
.text, #text, p{  
    color:#6BFFC4  
}
```

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 #6BFFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFFC4
}
```

## Border

The CSS property to change the border of an element to Hex 6BFFC4 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
#6BFFC4 }
```

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

```
.border{ border-color:#6BFFC4 }
```

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

Here you see how a box with a 4 pixel #6BFFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFFC4; -webkit-box-shadow:4px 4px  
4px 4px #6BFFC4; box-shadow:4px 4px 4px  
4px #6BFFC4 }
```

# Background

The CSS property to change the background color of an element to Hex 6BFFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFFC4 }
```

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

```
.background{ background-color:#6BFFC4 }
```

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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