

# Converting Colors

Hex(6DFFB4)

Have a look what the booklet for  
Hex(6DFFB4) contains.

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# Color

**Hex(6DFFB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DFFB4
RGB	109, 255, 180
RGB Percent	43%, 100%, 71%
CMY	0.5725, 0.0000, 0.2941
CMYK	0.57, 0.00, 0.29, 0.00
HSL	149°, 100%, 71%
HSV	149°, 57%, 100%
XYZ	50.3049, 78.0665, 55.5970
YIQ	202.7960, -62.9410, -54.2770

# Conversions

## Conversions Part 2

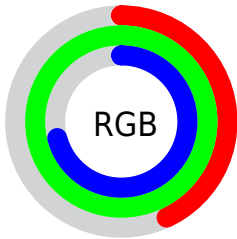
Format	Color
<a href="#">RYB</a>	<a href="#">109, 207, 255</a>
Decimal	<a href="#">7208884</a>
CIELab	<a href="#">90.81, -55.94, 24.30</a>
CIELCh	<a href="#">91, 60.993, 156.521</a>
Yxy	<a href="#">78.0665, 0.2734, 0.4243</a>
Android (android.graphics.Color)	<a href="#">4285398964 (0xFF6DFFB4)</a>
YUV	<a href="#">202.7960, -11.2384, -82.2591</a>
Hunter-Lab	<a href="#">88.3552, -52.9930, 24.5408</a>

# Details

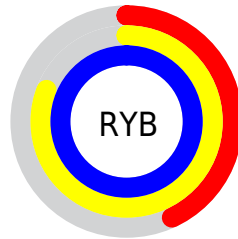
The Hex color **6DFFB4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6DB8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **AAFFEC**, and **22C57F** is the 20% darker color. If you saturate the color by 10%, you get **54FFA7**, and if you desaturate by 10%, it is **87FFC1**.

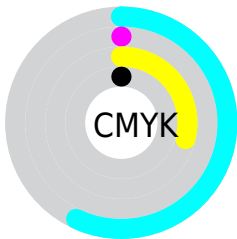
# Distribution



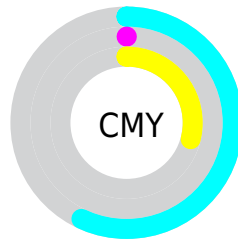
- Red (43%)
- Green (100%)
- Blue (71%)



- Red (43%)
- Yellow (81%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6DFFB4 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 6DFFB4 by changing the saturation by 10% instead.



 6DFFB4

FFFFFF

 AAFFEC

 C9FFFF

 E7FFFF

 6DFFB4

 4CE299

 22C57F

 00A965

 008E4D

 007336

 005A1F

 004108

 002A00

 000600

 6DFFB4

 6DFFB4

 54FFA7

 87FFC1

 3AFF9A

 A0FFCE

 21FF8D

 BAFFDB

 07FF80

 D3FFE8

 00FF7C

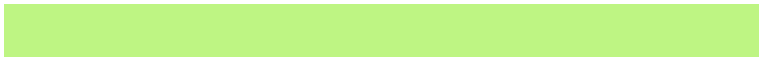
 EDFFF5

FFFFFF

# Harmonies

## Analogous

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



BEF583



6DFFB4



00FF0

# Triad

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



6DFFB4



99E7FF



FFBDA2

# Complementary

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



6DFFB4



FF6DB8

# 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.



FFB4DA



6DFFB4



FAD0FF

# Square

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



6DFFB4



00F7FF



FFBCFF



FFD179

# Rectangle

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



6DFFB4



00FFFF



FFBCFF



FFB8B4

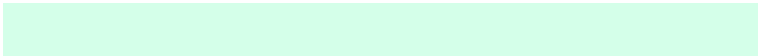


# Sweetspot

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



6DFFB4



D4FFE9



B8FF6D



668072



000000



808080



# Same Dimension

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



6DFFB4



4FFFA5



6DFFFD



738079



00BF5D



00401F



# Inverse Universe

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



FF6DB8



FF4FA9



FF6D6F



807379



BF0062

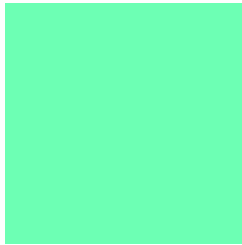


400021



# Previews

## White Background



This preview shows how the Hex color 6DFFB4 looks on a white background.

## Color Contrast Check

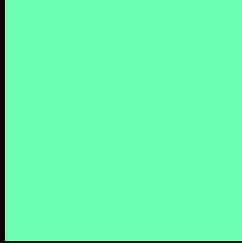
Large Text (above 18pt) WCAG AA × Fail

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 6DFFB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

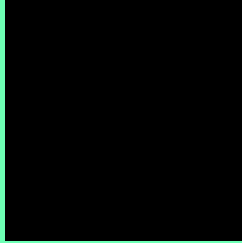
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6DFFB4 Background



This preview shows how black text looks on a background with the Hex color 6DFFB4.

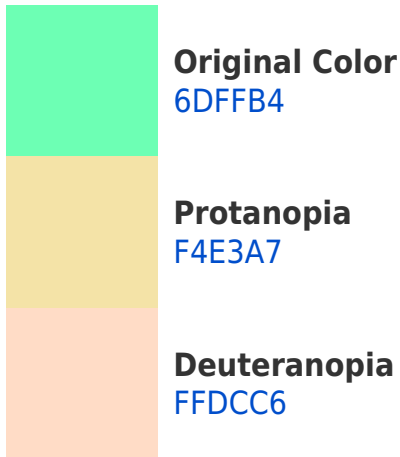


This preview shows how white text looks on a background with the Hex color 6DFFB4.

# 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](#).

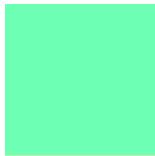
## Dichromacy





**Tritanopia**  
A5F0FF

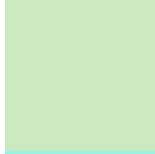
# Trichromacy



**Original Color**  
6DFFB4



**Protanomaly**  
C3EDAC



**Deuteranomaly**  
CAE9BF

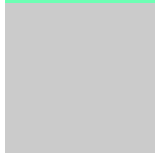


**Tritanomaly**  
91F5E4

# Monochromacy



**Original Color**  
6DFFB4



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
A9DEC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6DFFB4 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 #6DFFB4 looks like.

```
.text, #text, p{  
    color:#6DFFB4  
}
```

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 #6DFFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DFFB4
}
```

## Border

The CSS property to change the border of an element to Hex 6DFFB4 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
#6DFFB4 }
```

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

```
.border{ border-color:#6DFFB4 }
```

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

Here you see how a box with a 4 pixel #6DFFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DFFB4; -webkit-box-shadow:4px 4px  
4px 4px #6DFFB4; box-shadow:4px 4px 4px  
4px #6DFFB4 }
```

# Background

The CSS property to change the background color of an element to Hex 6DFFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DFFB4 }
```

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

```
.background{ background-color:#6DFFB4 }
```

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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