

Converting Colors

Hex(6BFFBD)

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

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Color

Hex(6BFFBD)

Conversions

Conversions Part 1

Format	Color
Hex	6BFFBD
RGB	107, 255, 189
RGB Percent	42%, 100%, 74%
CMY	0.5804, 0.0000, 0.2588
CMYK	0.58, 0.00, 0.26, 0.00
HSL	153°, 100%, 71%
HSV	153°, 58%, 100%
XYZ	51.0087, 78.3199, 60.5729
YIQ	203.2240, -67.0220, -51.9020

Conversions

Conversions Part 2

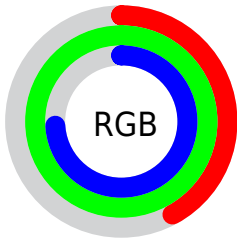
Format	Color
RYB	107, 202, 255
Decimal	7077821
CIELab	90.93, -54.56, 19.87
CIELCh	91, 58.067, 159.994
Yxy	78.3199, 0.2686, 0.4124
Android (android.graphics.Color)	4285267901 (0xFF6BFFBD)
YUV	203.2240, -7.0124, -84.3884
Hunter-Lab	88.4985, -51.9888, 21.3679

Details

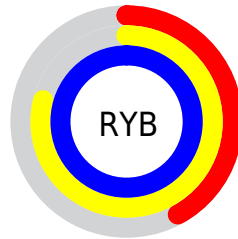
The Hex color **6BFFBD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6BAD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A9FFF5**, and **1DC587** is the 20% darker color. If you saturate the color by 10%, you get **52FFB2**, and if you desaturate by 10%, it is **85FFC8**.

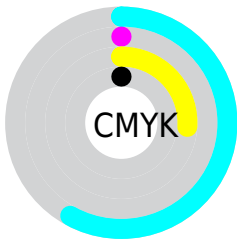
Distribution



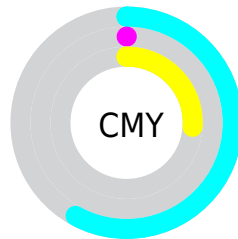
- Red (42%)
- Green (100%)
- Blue (74%)



- Red (42%)
- Yellow (79%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 6BFFBD

FFFFFF

 A9FFF5

 C7FFFF

 E6FFFF

 6BFFBD

 49E2A2

 1DC587

 00A96E

 008E55

 00743E

 005A27

 004112

 002A00

 000600

 6BFFBD

 6BFFBD

 52FFB2

 85FFC8

 38FFA6

 9EFFD4

 1FFF9B

 B8FFDF

 05FF90

 D1FFEA

 00FF8D

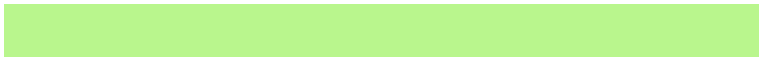
 EBFFF6

FFFFFF

Harmonies

Analogous

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



B9F68D



6BFFBD



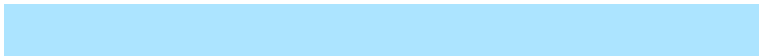
00FF6

Triad

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



6BFFBD



ACE4FF



FFC1A0

Complementary

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



6BFFBD



FF6BAD

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.



FFB7D4



6BFFBD



FFCFFF

Square

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



6BFFBD



00F5FF



FFBDFD



FFD57C

Rectangle

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



6BFFBD



00FFFF



FFBDFD



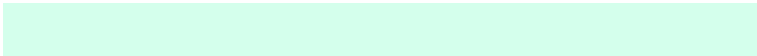
FFBDB0

Sweetspot

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



6BFFBD



D4FFEC



AEFF6B



668074



000000



808080

Same Dimension

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



6BFFBD



4DFFAF



6BF8FF



73807A



00BF6A



004023

Inverse Universe

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



FF6BAD



FF4D9C



FF726B



807378



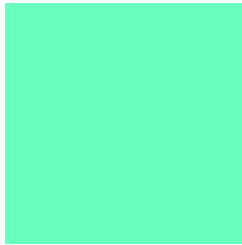
BF0055



40001C

Previews

White Background



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

Color Contrast Check

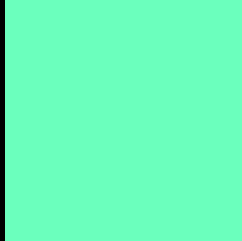
Large Text (above 18pt) WCAG AA × Fail

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 6BFFBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

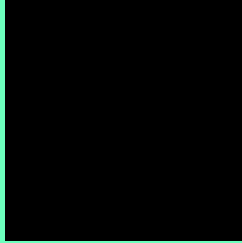
Any Text WCAG AA ✓ Pass

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 6BFFBD Background



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

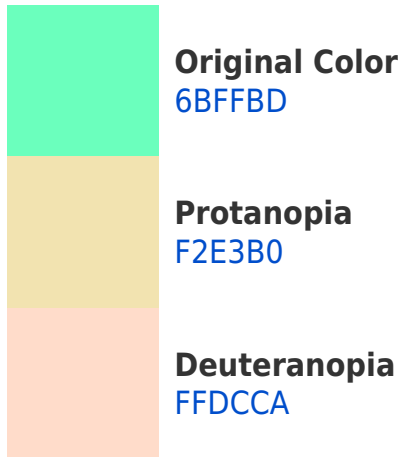


This preview shows how white text looks on a background with the Hex color 6BFFBD.

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

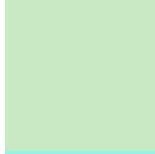
Trichromacy



Original Color
6BFFBD



Protanomaly
C1EDB5



Deuteranomaly
C9E9C5

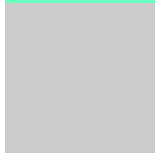


Tritanomaly
90F5E7

Monochromacy



Original Color
6BFFBD



Achromatopsia
CBCBCB



Achromatomaly
A8DEC6

CSS Examples

Text

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

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

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 #6BFFBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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