

Converting Colors

Hex(6BFFBA)

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

Hex(6BFFBA)	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(6BFFBA)

Conversions

Conversions Part 1

Format	Color
Hex	6BFFBA
RGB	107, 255, 186
RGB Percent	42%, 100%, 73%
CMY	0.5804, 0.0000, 0.2706
CMYK	0.58, 0.00, 0.27, 0.00
HSL	152°, 100%, 71%
HSV	152°, 58%, 100%
XYZ	50.6863, 78.1910, 58.8753
YIQ	202.8820, -66.0590, -52.8350

Conversions

Conversions Part 2

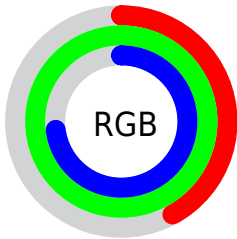
Format	Color
RYB	107, 203, 255
Decimal	7077818
CIELab	90.87, -55.17, 21.32
CIELCh	91, 59.143, 158.874
Yxy	78.1910, 0.2700, 0.4165
Android (android.graphics.Color)	4285267898 (0xFF6BFFBA)
YUV	202.8820, -8.3228, -84.0885
Hunter-Lab	88.4257, -52.4272, 22.4217

Details

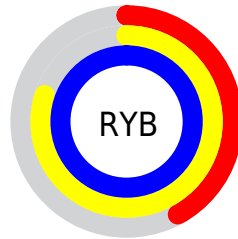
The Hex color **6BFFBA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6BB0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **A9FFF2**, and **1DC585** is the 20% darker color. If you saturate the color by 10%, you get **52FFAE**, and if you desaturate by 10%, it is **85FFC6**.

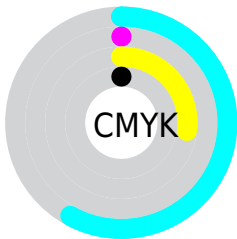
Distribution



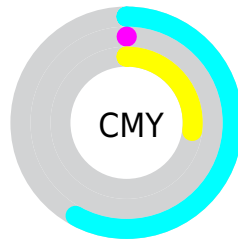
- Red (42%)
- Green (100%)
- Blue (73%)



- Red (42%)
- Yellow (80%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 6BFFBA

FFFFFF

 A9FFF2

 C7FFFF

 E6FFFF

 6BFFBA

 49E29F

 1DC585

 00A96B

 008E53

 00743B

 005A25

 00410F

 002A00

 000600

 6BFFBA

 6BFFBA

 52FFAE

 85FFC6

 38FFA2

 9EFFD2

 1FFF96

 B8FFDE

 05FF8A

 D1FFEA

 00FF88

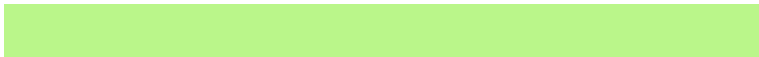
 EBFFF5

FFFFFF

Harmonies

Analogous

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



BAF68A



6BFFBA



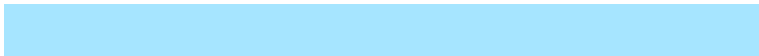
00FF4

Triad

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



6BFFBA



A6E5FF



FFC0A0

Complementary

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



6BFFBA



FF6BB0

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.



FFB6D6



6BFFBA



FFCFFF

Square

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



6BFFBA



00F6FF



FFBCFF



FFD37B

Rectangle

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



6BFFBA



00FFFF



FFBCFF



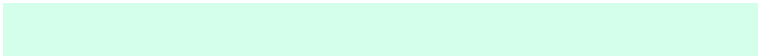
FFBBB1

Sweetspot

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



6BFFBA



D4FFEB



B0FF6B



668074



000000



808080

Same Dimension

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



6BFFBA



4DFFAC



6BFAFF



73807A



00BF66



004022

Inverse Universe

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



FF6BB0



FF4DA0



FF706B



807379



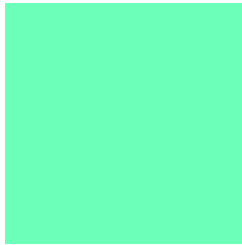
BF0059



40001E

Previews

White Background



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

Color Contrast Check

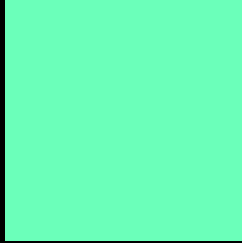
Large Text (above 18pt) WCAG AA × Fail

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 6BFFBA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

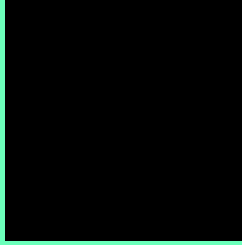
Any Text WCAG AA ✓ Pass

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 6BFFBA Background



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

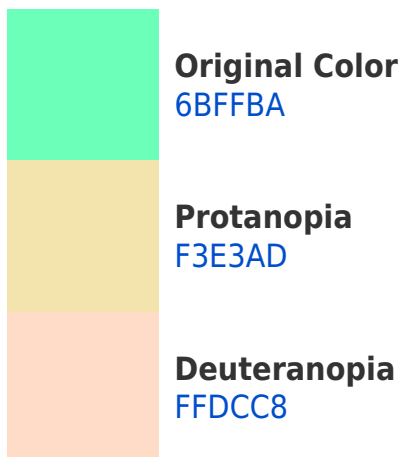


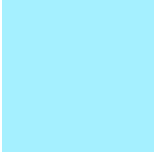
This preview shows how white text looks on a background with the Hex color 6BFFBA.

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



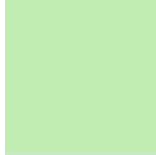


Tritanopia
A5F0FF

Trichromacy



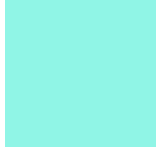
Original Color
6BFFBA



Protanomaly
C2EDB2



Deuteranomaly
C9E9C3

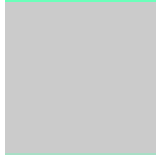


Tritanomaly
90F5E6

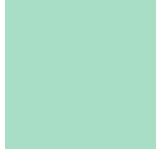
Monochromacy



Original Color
6BFFBA



Achromatopsia
CBCBCB



Achromatomaly
A8DEC5

CSS Examples

Text

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

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

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 #6BFFBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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