

Converting Colors

Hex(68FFB8)

Have a look what the booklet for
Hex(68FFB8) contains.

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Color

Hex(68FFB8)

Conversions

Conversions Part 1

Format	Color
Hex	68FFB8
RGB	104, 255, 184
RGB Percent	41%, 100%, 72%
CMY	0.5922, 0.0000, 0.2784
CMYK	0.59, 0.00, 0.28, 0.00
HSL	152°, 100%, 70%
HSV	152°, 59%, 100%
XYZ	50.1206, 77.9237, 57.7466
YIQ	201.7570, -67.2050, -54.0930

Conversions

Conversions Part 2

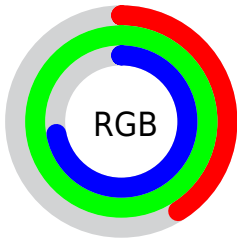
Format	Color
RYB	104, 203, 255
Decimal	6881208
CIELab	90.75, -56.16, 22.15
CIELCh	91, 60.368, 158.471
Yxy	77.9237, 0.2698, 0.4194
Android (android.graphics.Color)	4285071288 (0xFF68FFB8)
YUV	201.7570, -8.7542, -85.7329
Hunter-Lab	88.2744, -53.1311, 23.0063

Details

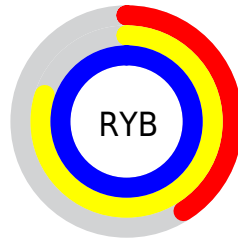
The Hex color **68FFB8** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF68AF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A6FFF0**, and **15C583** is the 20% darker color. If you saturate the color by 10%, you get **4FFFAC**, and if you desaturate by 10%, it is **82FFC4**.

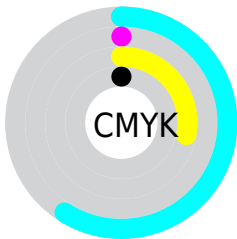
Distribution



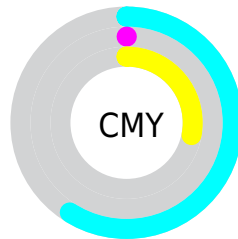
- Red (41%)
- Green (100%)
- Blue (72%)



- Red (41%)
- Yellow (80%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68FFB8 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 68FFB8 by changing the saturation by 10% instead.

 68FFB8

FFFFFF

 A6FFF0

 C5FFFF

 E3FFFF

 68FFB8

 46E29D

 15C583

 00A969

 008E51

 007339

 005A23

 00410D

 002A00

 000500

 68FFB8

 68FFB8

 4FFFAC

 82FFC4

 35FFA0

 9BFFD0

 1BFF94

 B4FFDC

 02FF88

 CEFFE8

 00FF87

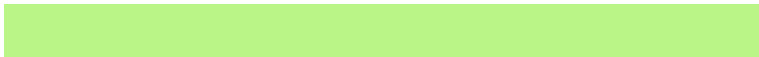
 E8FFF4

FFFFFF

Harmonies

Analogous

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



B9F687



68FFB8



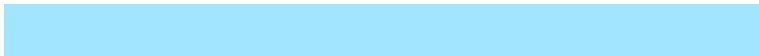
00FF4

Triad

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



68FFB8



A2E5FF



FFBE9F

Complementary

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



68FFB8



FF68AF

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.



FFB4D6



68FFB8



FFCFFF

Square

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



68FFB8



00F6FF



FFBBFF



FFD278

Rectangle

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



68FFB8



00FFFF



FFB8FF



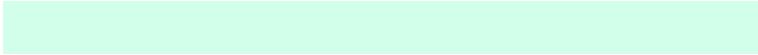
FFB9B0

Sweetspot

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



68FFB8



D1FFE9



B1FF68



638072



000000



808080

Same Dimension

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



68FFB8



4AFFAA



68FCFF



73807A



00BF65



004022

Inverse Universe

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



FF68AF



FF4A9F



FF6B68



807379



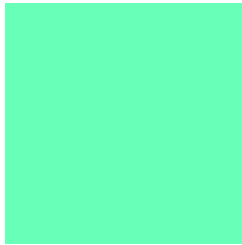
BF005A



40001E

Previews

White Background



This preview shows how the Hex color 68FFB8 looks on a white background.

Color Contrast Check

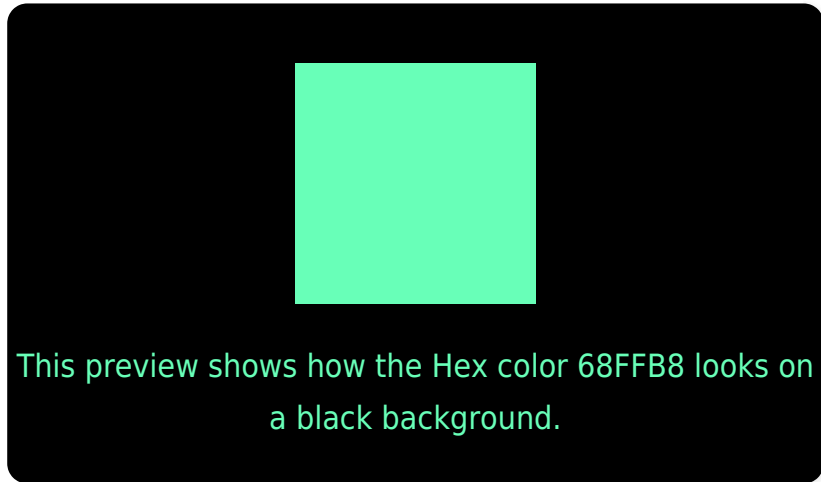
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

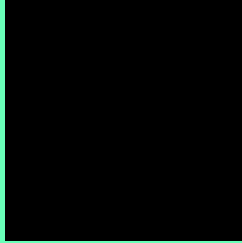
Any Text WCAG AA ✓ Pass

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 68FFB8 Background



This preview shows how black text looks on a background with the Hex color 68FFB8.

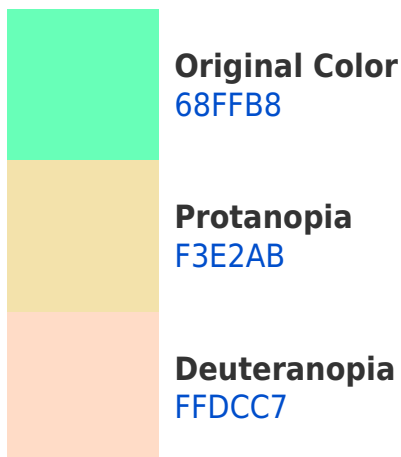


This preview shows how white text looks on a background with the Hex color 68FFB8.

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



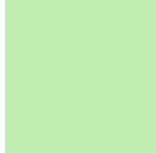


Tritanopia
A3F0FF

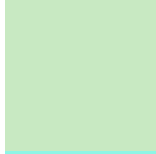
Trichromacy



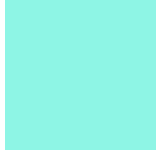
Original Color
68FFB8



Protanomaly
C0EDB0

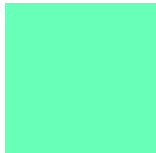


Deuteranomaly
C8E9C2

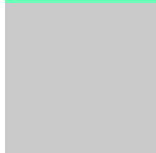


Tritanomaly
8EF5E5

Monochromacy



Original Color
68FFB8



Achromatopsia
CACACA



Achromatomaly
A6DDC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 68FFB8 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 #68FFB8 looks like.

```
.text, #text, p{  
    color:#68FFB8  
}
```

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 #68FFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68FFB8
}
```

Border

The CSS property to change the border of an element to Hex 68FFB8 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
#68FFB8 }
```

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

```
.border{ border-color:#68FFB8 }
```

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

Here you see how a box with a 4 pixel #68FFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68FFB8; -webkit-box-shadow:4px 4px  
4px 4px #68FFB8; box-shadow:4px 4px 4px  
4px #68FFB8 }
```

Background

The CSS property to change the background color of an element to Hex 68FFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68FFB8 }
```

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

```
.background{ background-color:#68FFB8 }
```

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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