

Converting Colors

Hex(70FFB4)

Have a look what the booklet for
Hex(70FFB4) contains.

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Color

Hex(70FFB4)

Conversions

Conversions Part 1

Format	Color
Hex	70FFB4
RGB	112, 255, 180
RGB Percent	44%, 100%, 71%
CMY	0.5608, 0.0000, 0.2941
CMYK	0.56, 0.00, 0.29, 0.00
HSL	149°, 100%, 72%
HSV	149°, 56%, 100%
XYZ	50.6803, 78.2600, 55.6146
YIQ	203.6930, -61.1530, -53.6410

Conversions

Conversions Part 2

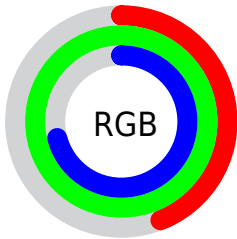
Format	Color
RYB	112, 209, 255
Decimal	7405492
CIELab	90.90, -55.32, 24.44
CIELCh	91, 60.476, 156.168
Yxy	78.2600, 0.2746, 0.4240
Android (android.graphics.Color)	4285595572 (0xFF70FFB4)
YUV	203.6930, -11.6806, -80.4148
Hunter-Lab	88.4647, -52.5528, 24.6518

Details

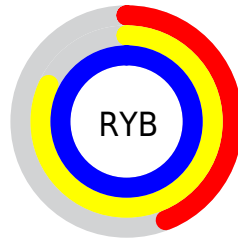
The Hex color **70FFB4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF70BB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **ADFFEC**, and **28C57F** is the 20% darker color. If you saturate the color by 10%, you get **57FFA7**, and if you desaturate by 10%, it is **8AFFC1**.

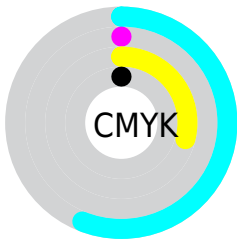
Distribution



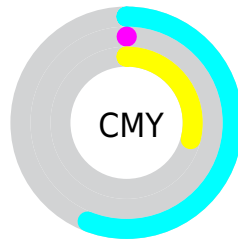
- Red (44%)
- Green (100%)
- Blue (71%)



- Red (44%)
- Yellow (82%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70FFB4 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 70FFB4 by changing the saturation by 10% instead.

 70FFB4

 70FFB4

FFFFFF

 50E299

 ADF FEC

 28C57F

 CBFFFF

 00A965

 EAFFFF

 008E4D

 007436

 005A1F

 004108

 002A00

 000600

 70FFB4

 70FFB4

 57FFA7

 8AFFC1

 3DFF99

 A3FFCF

 23FF8C

 BDFFDC

 0AFF7F

 D6FFE9

 00FF79

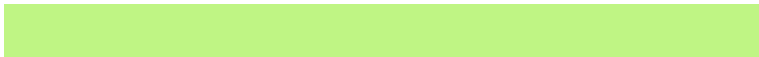
 F0FFF7

FFFFFF

Harmonies

Analogous

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



BFF584



70FFB4



00FFEF

Triad

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



70FFB4



99E7FF



FFBDA3

Complementary

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



70FFB4



FF70BB

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.



FFB4DB



70FFB4



FAD1FF

Square

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



70FFB4



00F7FF



FFBDFD



FFD17B

Rectangle

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



70FFB4



00FFFF



FFBDFD



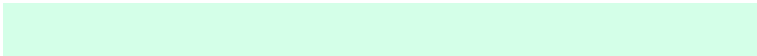
FFB9B5

Sweetspot

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



70FFB4



D4FFE8



BCFF70



668072



000000



808080

Same Dimension

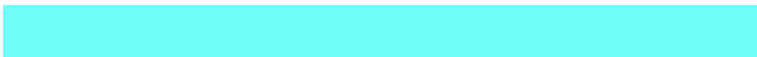
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70FFB4



54FFA5



70FFFA



738079



00BF5B



00401E

Inverse Universe

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



FF70BB



FF54AE



FF7075



807379



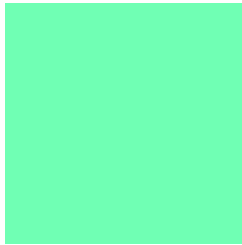
BF0064



400021

Previews

White Background



This preview shows how the Hex color 70FFB4 looks on a white background.

Color Contrast Check

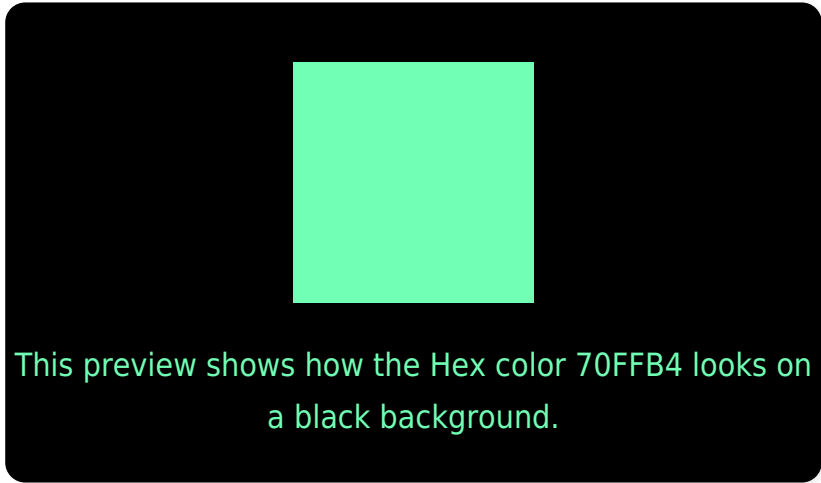
Large Text (above 18pt) WCAG AA × Fail

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

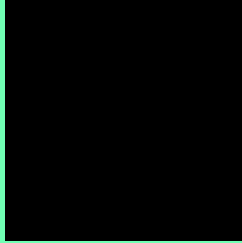
Any Text WCAG AA ✓ Pass

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 70FFB4 Background



This preview shows how black text looks on a background with the Hex color 70FFB4.

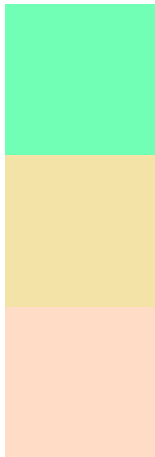


This preview shows how white text looks on a background with the Hex color 70FFB4.

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



Original Color
70FFB4

Protanopia
F4E3A7

Deuteranopia
FFDCC6



Tritanopia
A6F0FF

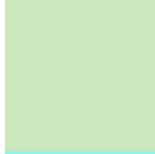
Trichromacy



Original Color
70FFB4



Protanomaly
C4EDAC



Deuteranomaly
CBE9BF

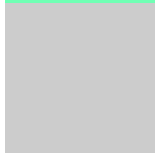


Tritanomaly
92F5E4

Monochromacy



Original Color
70FFB4



Achromatopsia
CCCCCC



Achromatomaly
ABDFC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 70FFB4 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 #70FFB4 looks like.

```
.text, #text, p{  
    color:#70FFB4  
}
```

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 #70FFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FFB4
}
```

Border

The CSS property to change the border of an element to Hex 70FFB4 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
#70FFB4 }
```

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

```
.border{ border-color:#70FFB4 }
```

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

Here you see how a box with a 4 pixel #70FFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FFB4; -webkit-box-shadow:4px 4px  
4px 4px #70FFB4; box-shadow:4px 4px 4px  
4px #70FFB4 }
```

Background

The CSS property to change the background color of an element to Hex 70FFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FFB4 }
```

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

```
.background{ background-color:#70FFB4 }
```

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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