

Converting Colors

Hex(69FFB1)

Have a look what the booklet for
Hex(69FFB1) contains.

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Color

Hex(69FFB1)

Conversions

Conversions Part 1

Format	Color
Hex	69FFB1
RGB	105, 255, 177
RGB Percent	41%, 100%, 69%
CMY	0.5882, 0.0000, 0.3059
CMYK	0.59, 0.00, 0.31, 0.00
HSL	149°, 100%, 71%
HSV	149°, 59%, 100%
XYZ	49.5215, 77.6976, 53.9821
YIQ	201.2580, -64.3620, -56.0580

Conversions

Conversions Part 2

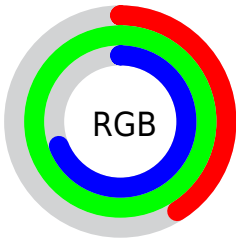
Format	Color
RYB	105, 206, 255
Decimal	6946737
CIELab	90.64, -57.33, 25.57
CIElCh	91, 62.772, 155.959
Yxy	77.6976, 0.2733, 0.4288
Android (android.graphics.Color)	4285136817 (0xFF69FFB1)
YUV	201.2580, -11.9592, -84.4183
Hunter-Lab	88.1462, -53.9727, 25.3923

Details

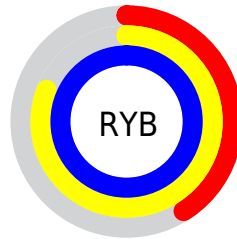
The Hex color **69FFB1** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF69B7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **A7FFE9**, and **18C57C** is the 20% darker color. If you saturate the color by 10%, you get **50FFA4**, and if you desaturate by 10%, it is **83FFBE**.

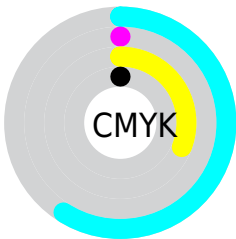
Distribution



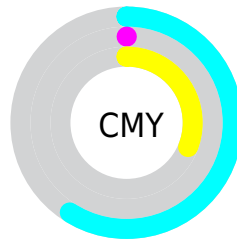
- Red (41%)
- Green (100%)
- Blue (69%)



- Red (41%)
- Yellow (81%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69FFB1 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 69FFB1 by changing the saturation by 10% instead.

 69FFB1

FFFFFF


 A7FFE9

 C6FFFF

 E4FFFF

 69FFB1

 47E296

 18C57C

 00A963

 008E4A

 007333

 00591C

 004005


 002A00

 000400

 69FFB1

 69FFB1

 50FFA4

 83FFBE

 36FF96

 9CFFCC

 1CFF89

 B5FFD9

 03FF7C

 CFFFE6

 00FF7A

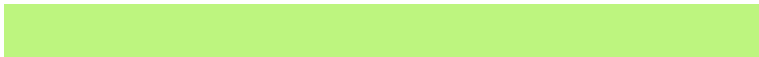
 E9FFF3

FFFFFF

Harmonies

Analogous

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



BDF57F



69FFB1



00FFEF

Triad

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



69FFB1



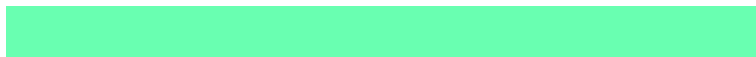
92E7FF



FFBBA1

Complementary

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



69FFB1



FF69B7

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.



FFB1DA



69FFB1



F9D0FF

Square

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



69FFB1



00F7FF



FFBAFF



FFCF76

Rectangle

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



69FFB1



00FFFF



FFBAFF



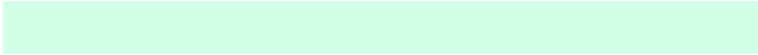
FFB6B3

Sweetspot

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



69FFB1



D1FFE7



B9FF69



638071



000000



808080

Same Dimension

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



69FFB1



4AFFA1



69FFFA



738079



00BF5C



00401F

Inverse Universe

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



FF69B7



FF4AA8



FF696E



807379



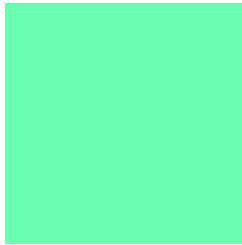
BF0063



400021

Previews

White Background



This preview shows how the Hex color 69FFB1 looks on a white background.

Color Contrast Check

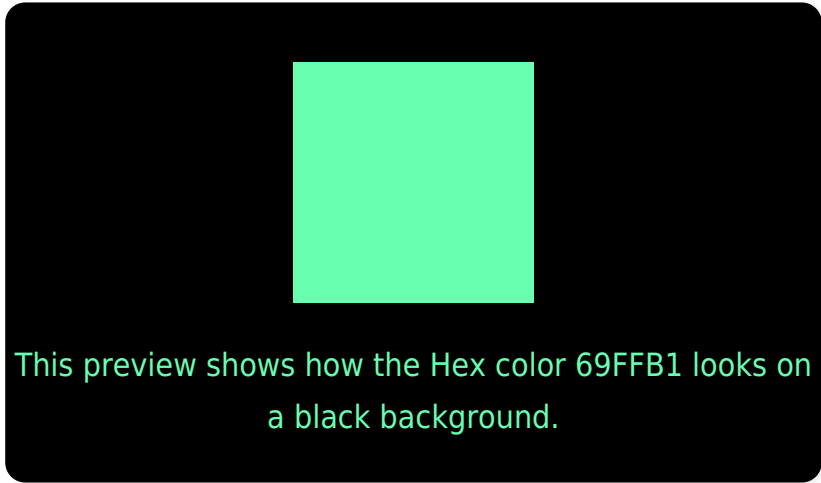
Large Text (above 18pt) WCAG AA × Fail

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

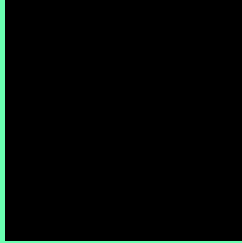
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

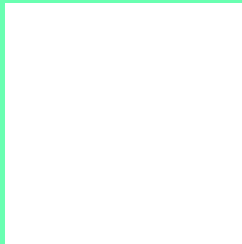
Any Text WCAG AAA ✓ Pass

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

Hex 69FFB1 Background



This preview shows how black text looks on a background with the Hex color 69FFB1.

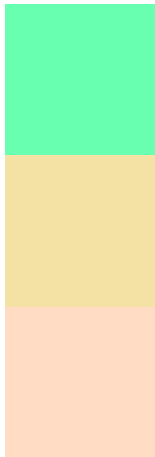


This preview shows how white text looks on a background with the Hex color 69FFB1.

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
69FFB1

Protanopia
F3E2A4

Deuteranopia
FFDCC3



Tritanopia
A2F0FF

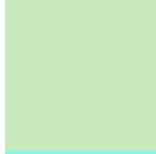
Trichromacy



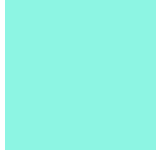
Original Color
69FFB1



Protanomaly
C1EDA9

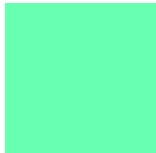


Deuteranomaly
C8E9BC

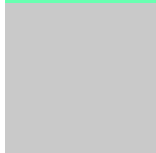


Tritanomaly
8DF5E3

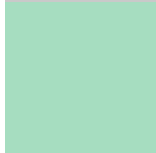
Monochromacy



Original Color
69FFB1



Achromatopsia
C9C9C9



Achromatomaly
A6DDC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 69FFB1 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 #69FFB1 looks like.

```
.text, #text, p{  
    color:#69FFB1  
}
```

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 #69FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69FFB1
}
```

Border

The CSS property to change the border of an element to Hex 69FFB1 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
#69FFB1 }
```

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

```
.border{ border-color:#69FFB1 }
```

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

Here you see how a box with a 4 pixel #69FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69FFB1; -webkit-box-shadow:4px 4px  
4px 4px #69FFB1; box-shadow:4px 4px 4px  
4px #69FFB1 }
```

Background

The CSS property to change the background color of an element to Hex 69FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69FFB1 }
```

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

```
.background{ background-color:#69FFB1 }
```

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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