

Converting Colors

Hex(69FFB3)

Have a look what the booklet for
Hex(69FFB3) contains.

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Color

Hex(69FFB3)

Conversions

Conversions Part 1

Format	Color
Hex	69FFB3
RGB	105, 255, 179
RGB Percent	41%, 100%, 70%
CMY	0.5882, 0.0000, 0.2980
CMYK	0.59, 0.00, 0.30, 0.00
HSL	150°, 100%, 71%
HSV	150°, 59%, 100%
XYZ	49.7224, 77.7779, 55.0398
YIQ	201.4860, -65.0040, -55.4360

Conversions

Conversions Part 2

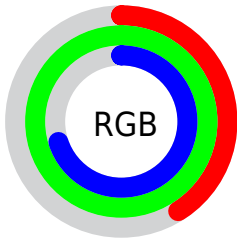
Format	Color
RYB	105, 205, 255
Decimal	6946739
CIELab	90.68, -56.94, 24.61
CIELCh	91, 62.032, 156.627
Yxy	77.7779, 0.2724, 0.4261
Android (android.graphics.Color)	4285136819 (0xFF69FFB3)
YUV	201.4860, -11.0856, -84.6182
Hunter-Lab	88.1918, -53.6977, 24.7318

Details

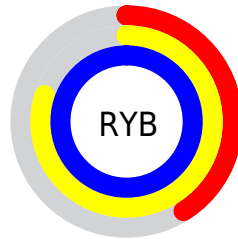
The Hex color **69FFB3** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF69B5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **A7FFEB**, and **18C57E** is the 20% darker color. If you saturate the color by 10%, you get **50FFA6**, and if you desaturate by 10%, it is **83FFC0**.

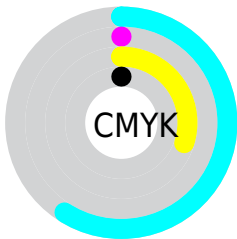
Distribution



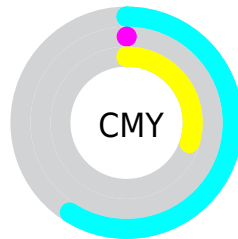
- Red (41%)
- Green (100%)
- Blue (70%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69FFB3 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 69FFB3 by changing the saturation by 10% instead.

 69FFB3

 69FFB3

FFFFFF

 47E298

 A7FFEB

 18C57E

 C6FFFF

 00A965

 E4FFFF

 008E4C

 007335

 005A1E

 004007

 002A00

 000500

 69FFB3

 69FFB3

 50FFA6

 83FFC0

 36FF99

 9CFFCD

 1CFF8C

 B5FFDA

 03FF7F

 CFFFE7

 00FF7E

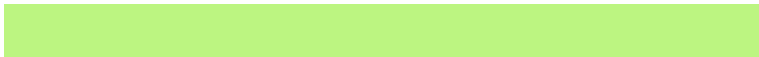
 E9FFF4

FFFFFF

Harmonies

Analogous

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



BCF581



69FFB3



00FF00

Triad

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



69FFB3



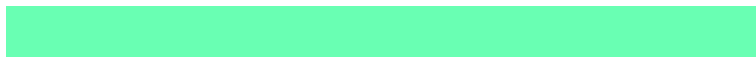
97E6FF



FFBCA0

Complementary

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



69FFB3



FF69B5

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.



FFB2D9



69FFB3



FAD0FF

Square

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



69FFB3



00F7FF



FFBAFF



FFD077

Rectangle

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



69FFB3



00FFFF



FFBAFF



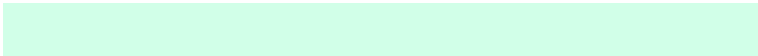
FFB7B2

Sweetspot

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



69FFB3



D1FFE8



B6FF69



638071



000000



808080

Same Dimension

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



69FFB3



4AFFA3



69FFFD



738079



00BF5E



00401F

Inverse Universe

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



FF69B5



FF4AA6



FF696B



807379



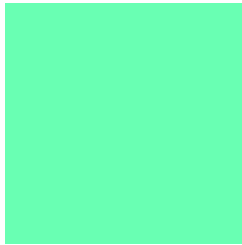
BF0061



400020

Previews

White Background



This preview shows how the Hex color 69FFB3 looks on a white background.

Color Contrast Check

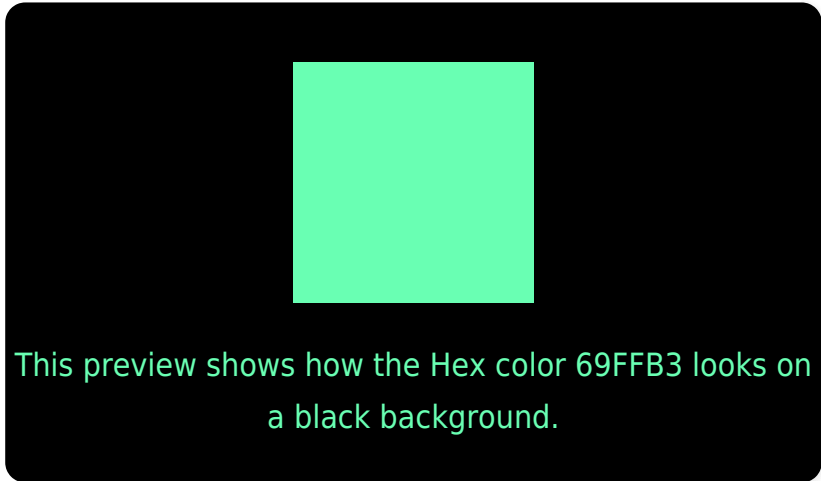
Large Text (above 18pt) WCAG AA × Fail

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

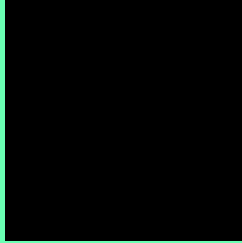
Any Text WCAG AA ✓ Pass

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 69FFB3 Background



This preview shows how black text looks on a background with the Hex color 69FFB3.

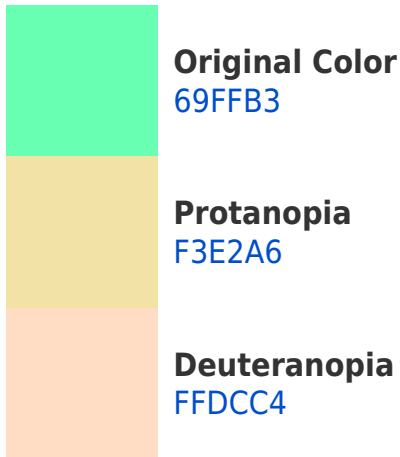


This preview shows how white text looks on a background with the Hex color 69FFB3.

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
A2F0FF

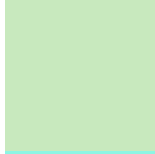
Trichromacy



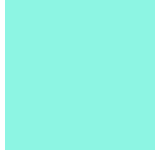
Original Color
69FFB3



Protanomaly
C1EDAB



Deuteranomaly
C8E9BE

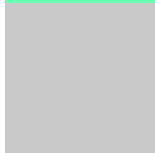


Tritanomaly
8DF5E3

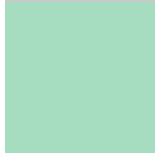
Monochromacy



Original Color
69FFB3



Achromatopsia
C9C9C9



Achromatomaly
A6DDC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 69FFB3 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 #69FFB3 looks like.

```
.text, #text, p{  
    color:#69FFB3  
}
```

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 #69FFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69FFB3  
}
```

Border

The CSS property to change the border of an element to Hex 69FFB3 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  
#69FFB3 }
```

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

```
.border{ border-color:#69FFB3 }
```

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

Here you see how a box with a 4 pixel #69FFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69FFB3; -webkit-box-shadow:4px 4px  
4px 4px #69FFB3; box-shadow:4px 4px 4px  
4px #69FFB3 }
```

Background

The CSS property to change the background color of an element to Hex 69FFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69FFB3 }
```

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

```
.background{ background-color:#69FFB3 }
```

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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