

Converting Colors

Hex(69BFA3)

Have a look what the booklet for
Hex(69BFA3) contains.

Hex(69BFA3)	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(69BFA3)

Conversions

Conversions Part 1

Format	Color
Hex	69BFA3
RGB	105, 191, 163
RGB Percent	41%, 75%, 64%
CMY	0.5882, 0.2510, 0.3608
CMYK	0.45, 0.00, 0.15, 0.25
HSL	160°, 40%, 58%
HSV	160°, 45%, 75%
XYZ	31.0674, 42.9092, 41.2952
YIQ	162.0940, -42.2680, -26.9400

Conversions

Conversions Part 2

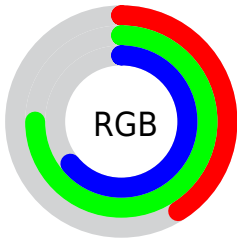
Format	Color
RYB	105, 156, 191
Decimal	6930339
CIELab	71.49, -32.70, 6.08
CIELCh	71, 33.264, 169.466
Yxy	42.9092, 0.2695, 0.3722
Android (android.graphics.Color)	4285120419 (0xFF69BFA3)
YUV	162.0940, 0.4467, -50.0714
Hunter-Lab	65.5051, -29.9761, 8.4765

Details

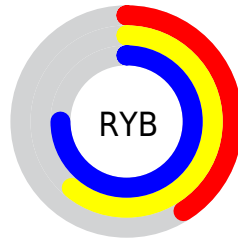
The Hex color **69BFA3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **BF6985**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A0F8DA**, and **31896F** is the 20% darker color. If you saturate the color by 10%, you get **56BF9D**, and if you desaturate by 10%, it is **7CBFA9**.

Distribution



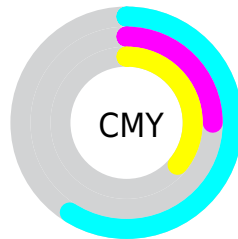
- Red (41%)
- Green (75%)
- Blue (64%)



- Red (41%)
- Yellow (61%)
- Blue (75%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69BFA3 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 69BFA3 by changing the saturation by 10% instead.



69BFA3



69BFA3

FFFFFF



4DA489



A0F8DA



31896F



BDFFF6



0B6F57



DAFFFF



005640



F7FFFF



003E2A



002815



000A00



000000



69BFA3



69BFA3

 56BF9D

 7CBFA9

 43BF97

 8FBFAF

 30BF90

 A2BFB6

 1DBF8A

 B5BFBC

 0ABF84

 C9BFC2

 00BF81

 DCBFC8

 EFBFCF

 FFBFD5

 FFBFDB

Harmonies

Analogous

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



8DBB87



69BFA3



4BC0C2

Triad

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



69BFA3



A4ABE8



E39F82

Complementary

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



69BFA3



BF6985

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.



EB999C



69BFA3



CBA0D7

Square

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



69BFA3



75B5EA



E499BB



CEAA74

Rectangle

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



69BFA3



48BED5



E499BB



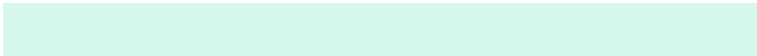
E79D8A

Sweetspot

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



69BFA3



D5F7EC



86BF69



687D76



FCFCFC



7D7D7D

Same Dimension

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



69BFA3



72F7CC



69B1BF



555E5B



009E6B



001F15

Inverse Universe

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



BF6985



F7729D



BF7769



5E5558



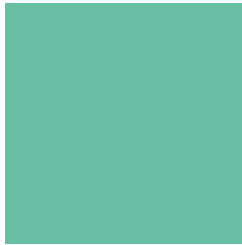
9E0033



1F000A

Previews

White Background



This preview shows how the Hex color 69BFA3 looks on a white background.

Color Contrast Check

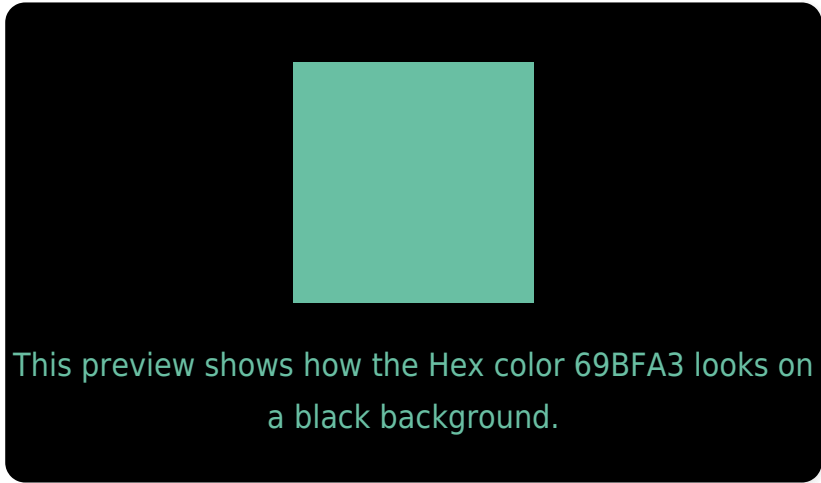
Large Text (above 18pt) WCAG AA × Fail

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

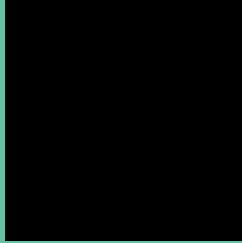
Any Text WCAG AA ✓ Pass

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 69BFA3 Background



This preview shows how black text looks on a background with the Hex color 69BFA3.



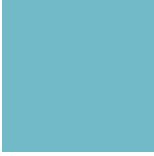
This preview shows how white text looks on a background with the Hex color 69BFA3.

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](#).

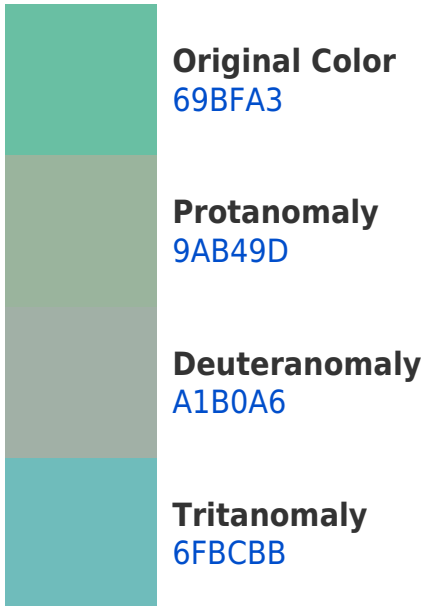
Dichromacy



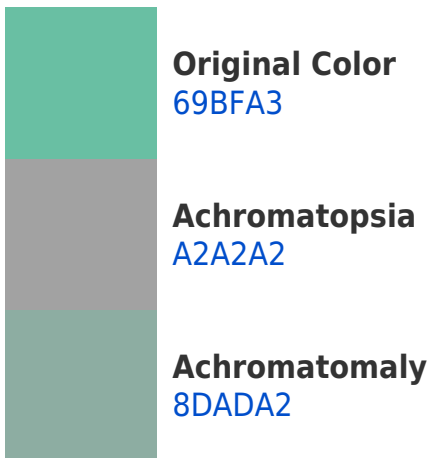


Tritanopia
73BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 69BFA3 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 #69BFA3 looks like.

```
.text, #text, p{  
    color:#69BFA3  
}
```

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 #69BFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BFA3
}
```

Border

The CSS property to change the border of an element to Hex 69BFA3 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
#69BFA3 }
```

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

```
.border{ border-color:#69BFA3 }
```

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

Here you see how a box with a 4 pixel #69BFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BFA3; -webkit-box-shadow:4px 4px  
4px 4px #69BFA3; box-shadow:4px 4px 4px  
4px #69BFA3 }
```

Background

The CSS property to change the background color of an element to Hex 69BFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BFA3 }
```

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

```
.background{ background-color:#69BFA3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor