

Converting Colors

Hex(7FB769)

Have a look what the booklet for
Hex(7FB769) contains.

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Color

Hex(7FB769)

Conversions

Conversions Part 1

Format	Color
Hex	7FB769
RGB	127, 183, 105
RGB Percent	50%, 72%, 41%
CMY	0.5020, 0.2824, 0.5882
CMYK	0.31, 0.00, 0.43, 0.28
HSL	103°, 35%, 56%
HSV	103°, 43%, 72%
XYZ	28.2357, 39.3989, 19.4812
YIQ	157.3640, -8.3380, -36.1300

Conversions

Conversions Part 2

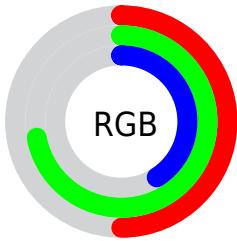
Format	Color
RYB	105, 183, 161
Decimal	8370025
CIELab	69.04, -32.92, 33.92
CIELCh	69, 47.273, 134.146
Yxy	39.3989, 0.3241, 0.4523
Android (android.graphics.Color)	4286560105 (0xFF7FB769)
YUV	157.3640, -25.8155, -26.6292
Hunter-Lab	62.7686, -29.5489, 25.5364

Details

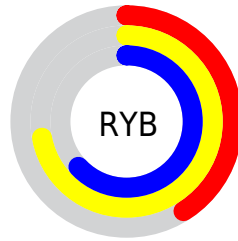
The Hex color **7FB769** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A169B7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6EF9D**, and **4B8238** is the 20% darker color. If you saturate the color by 10%, you get **72B757**, and if you desaturate by 10%, it is **8CB77B**.

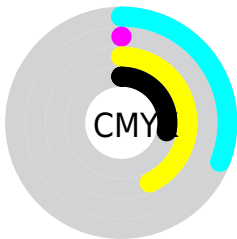
Distribution



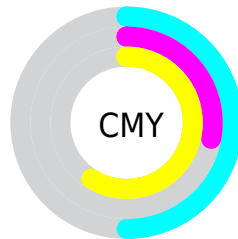
- Red (50%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (63%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (50%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FB769 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 7FB769 by changing the saturation by 10% instead.

 7FB769

 7FB769

FFFFFF

 659C50

 B6EF9D

 4B8238

 D2FFB9

 316820

 EFFFFD4

 155006

 FFFFF1

 003800

 002400

 000000

 7FB769

 7FB769

 72B757

 8CB77B

 65B744

 99B78E

 58B732

 A6B7A0

 4AB720

 B4B7B2

 3DB70E

 C1B7C5

 34B700

 CEB7D7

 DBB7E9

 E8B7FB

 F5B7FF

Harmonies

Analogous

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



AFAD53



7FB769



3EBD90

Triad

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



7FB769



0AB3FA



FA8596

Complementary

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



7FB769



A169B7

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.



EC88C1



7FB769



87A6FB

Square

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



7FB769



00BCE3



C695E6



F18F6F

Rectangle

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



7FB769



00BFAD



C695E6



F885A4

Sweetspot

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



7FB769



D7EDCE



B7A169



6A7865



F7F7F7



787878

Same Dimension

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



7FB769



96ED74



69B77A



555C53



2C9C00



081C00

Inverse Universe

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



A169B7



CB74ED



B769A6



59535C



70009C



14001C

Previews

White Background



This preview shows how the Hex color 7FB769 looks on a white background.

Color Contrast Check

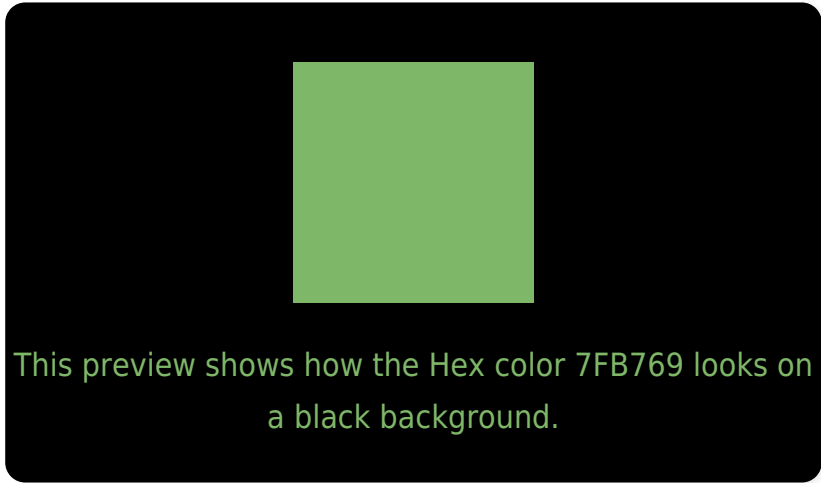
Large Text (above 18pt) WCAG AA × Fail

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 7FB769 Background



This preview shows how black text looks on a background with the Hex color 7FB769.

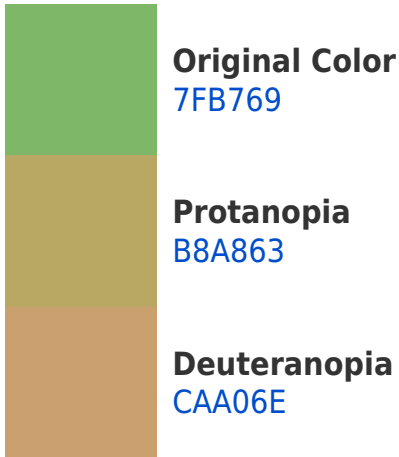


This preview shows how white text looks on a background with the Hex color 7FB769.

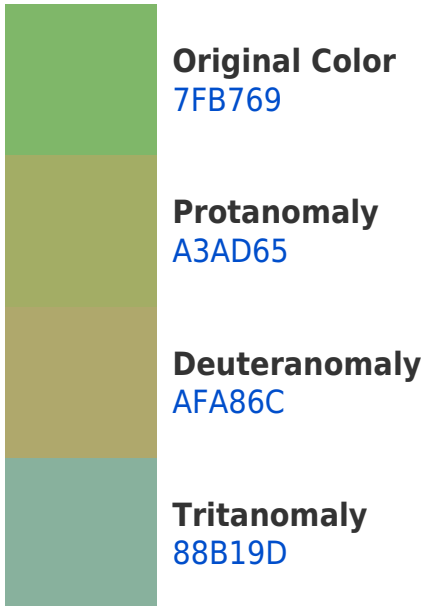
Color Blindness Simulation

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](#).

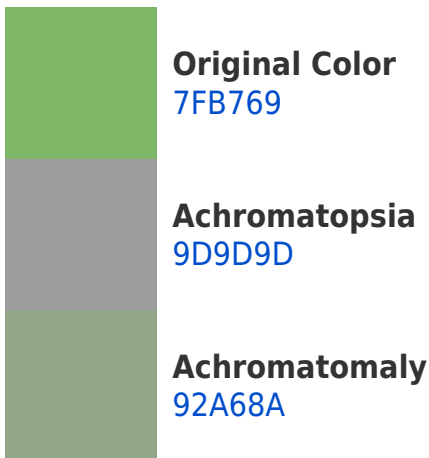
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FB769 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 #7FB769 looks like.

```
.text, #text, p{  
    color:#7FB769  
}
```

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 #7FB769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB769
}
```

Border

The CSS property to change the border of an element to Hex 7FB769 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
#7FB769 }
```

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

```
.border{ border-color:#7FB769 }
```

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

Here you see how a box with a 4 pixel #7FB769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB769; -webkit-box-shadow:4px 4px  
4px 4px #7FB769; box-shadow:4px 4px 4px  
4px #7FB769 }
```

Background

The CSS property to change the background color of an element to Hex 7FB769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB769 }
```

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

```
.background{ background-color:#7FB769 }
```

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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