

Converting Colors

Hex(7AB769)

Have a look what the booklet for
Hex(7AB769) contains.

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Color

Hex(7AB769)

Conversions

Conversions Part 1

Format	Color
Hex	7AB769
RGB	122, 183, 105
RGB Percent	48%, 72%, 41%
CMY	0.5216, 0.2824, 0.5882
CMYK	0.33, 0.00, 0.43, 0.28
HSL	107°, 35%, 56%
HSV	107°, 43%, 72%
XYZ	27.5093, 39.0245, 19.4472
YIQ	155.8690, -11.3180, -37.1900

Conversions

Conversions Part 2

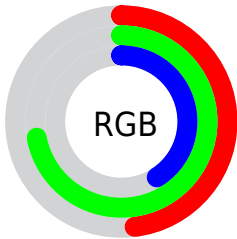
Format	Color
RYB	105, 183, 166
Decimal	8042345
CIELab	68.77, -34.65, 33.52
CIElCh	69, 48.208, 135.945
Yxy	39.0245, 0.3199, 0.4539
Android (android.graphics.Color)	4286232425 (0xFF7AB769)
YUV	155.8690, -25.0784, -29.7031
Hunter-Lab	62.4696, -30.7168, 25.2713

Details

The Hex color **7AB769** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A669B7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B1EF9D**, and **458238** is the 20% darker color. If you saturate the color by 10%, you get **6CB757**, and if you desaturate by 10%, it is **88B77B**.

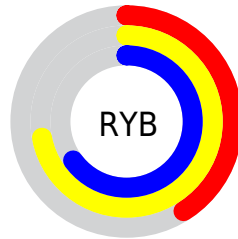
Distribution



Red (48%)

Green (72%)

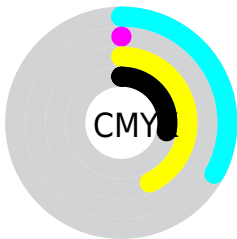
Blue (41%)



Red (41%)

Yellow (72%)

Blue (65%)

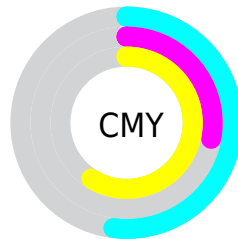


Cyan (33%)

Magenta (0%)

Yellow (43%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AB769 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 7AB769 by changing the saturation by 10% instead.



7AB769



7AB769

FFFFFF



609C50



B1EF9D



458238



CDFFB9



2B6820



EAFDD4



0C4F06



FFFFF1



003800



002400



000000



7AB769



7AB769



6CB757



88B77B

 5DB744

 97B78E

 4FB732

 A5B7A0

 41B720

 B3B7B2

 32B70E

 C2B7C5

 28B700

 D0B7D7

 DEB7E9

 ECB7FB

 FBB7FF

Harmonies

Analogous

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



ABAD51



7AB769



32BD91

Triad

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



7AB769



0AB2FC



FB8492

Complementary

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



7AB769



A669B7

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.



EE86BE



7AB769



8AA4FC

Square

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



7AB769



00BBE5



C993E5



F08E6B

Rectangle

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



7AB769



00BEAF



C993E5



F983A1

Sweetspot

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



7AB769



D5EDCE



B7A569



697865



F7F7F7



787878

Same Dimension

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



7AB769



8FED74



69B77E



555C53



229C00



061C00

Inverse Universe

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



A669B7



D374ED



B769A2



5A535C



7A009C



16001C

Previews

White Background



This preview shows how the Hex color 7AB769 looks on a white background.

Color Contrast Check

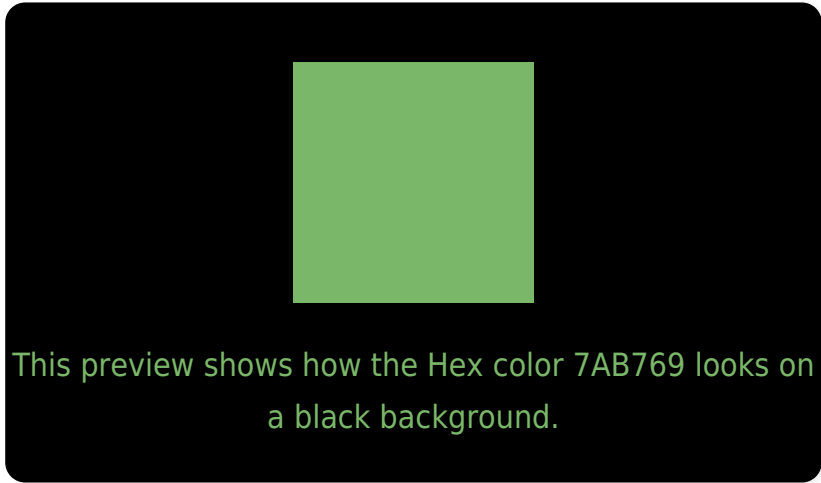
Large Text (above 18pt) WCAG AA × Fail

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 7AB769 Background



This preview shows how black text looks on a background with the Hex color 7AB769.

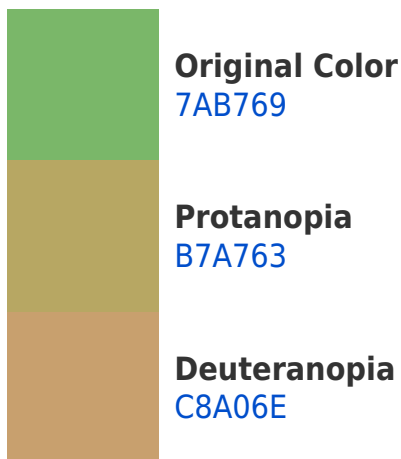


This preview shows how white text looks on a background with the Hex color 7AB769.

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](#).

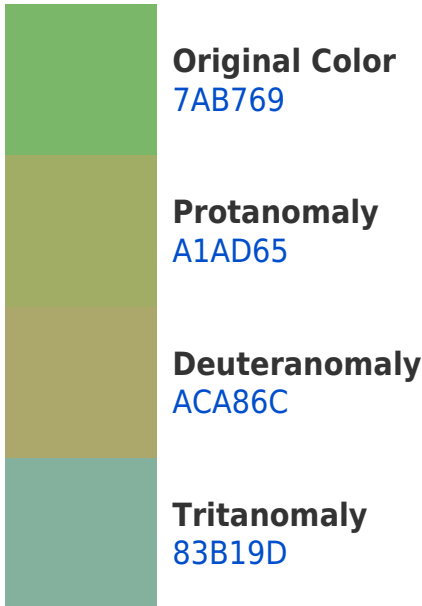
Dichromacy



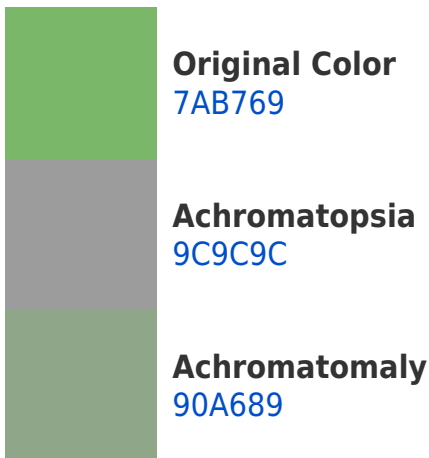


Tritanopia
88ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AB769 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 #7AB769 looks like.

```
.text, #text, p{  
    color:#7AB769  
}
```

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 #7AB769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB769
}
```

Border

The CSS property to change the border of an element to Hex 7AB769 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
#7AB769 }
```

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

```
.border{ border-color:#7AB769 }
```

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

Here you see how a box with a 4 pixel #7AB769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB769; -webkit-box-shadow:4px 4px  
4px 4px #7AB769; box-shadow:4px 4px 4px  
4px #7AB769 }
```

Background

The CSS property to change the background color of an element to Hex 7AB769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB769 }
```

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

```
.background{ background-color:#7AB769 }
```

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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