

# Converting Colors

Hex(7AC669)

Have a look what the booklet for  
Hex(7AC669) contains.

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**Color**

**Hex(7AC669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AC669
RGB	122, 198, 105
RGB Percent	48%, 78%, 41%
CMY	0.5216, 0.2235, 0.5882
CMYK	0.38, 0.00, 0.47, 0.22
HSL	109°, 45%, 59%
HSV	109°, 47%, 78%
XYZ	30.7699, 45.5457, 20.5340
YIQ	164.6740, -15.4430, -45.0350

# Conversions

## Conversions Part 2

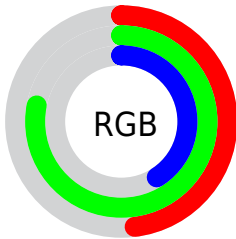
Format	Color
<a href="#">RYB</a>	<a href="#">105, 198, 181</a>
Decimal	<a href="#">8046185</a>
CIELab	<a href="#">73.25, -41.38, 39.19</a>
CIELCh	<a href="#">73, 56.988, 136.558</a>
Yxy	<a href="#">45.5457, 0.3177, 0.4703</a>
Android (android.graphics.Color)	<a href="#">4286236265 (0xFF7AC669)</a>
YUV	<a href="#">164.6740, -29.4193, -37.4251</a>
Hunter-Lab	<a href="#">67.4875, -36.7188, 29.2014</a>

# Details

The Hex color **7AC669** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B569C6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B2FF9E**, and **438F37** is the 20% darker color. If you saturate the color by 10%, you get **6AC655**, and if you desaturate by 10%, it is **8AC67D**.

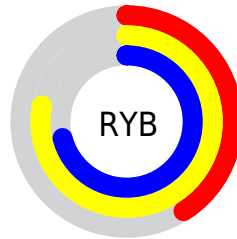
# Distribution



Red (48%)

Green (78%)

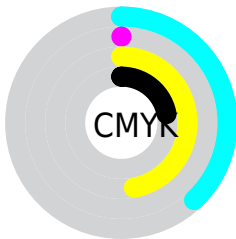
Blue (41%)



Red (41%)

Yellow (78%)

Blue (71%)

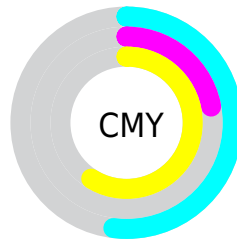


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (52%)

Magenta (22%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AC669 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 7AC669 by changing the saturation by 10% instead.



 7AC669

 7AC669

FFFFFF

 5FAA50

 B2FF9E

 438F37

 CEFFB9

 26751E

 EBFFD5

 005C01

 FFFFF2

 004400

 002D00

 001300

 000000

 7AC669

 7AC669

 6AC655

 8AC67D

 5AC641

 9AC691

 49C62E

 ABC6A4

 39C61A

 BBC6B8

 29C606

 CBC6CC

 24C600

 DBC6E0

 EBC6F4

 FBC6FF

 FFC6FF

# Harmonies

## Analogous

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



B6BA4A



7AC669



00CC9A

# Triad

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



7AC669



00C0FF



FF8899

# Complementary

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



7AC669



B569C6

# 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.



FF8ACE



7AC669



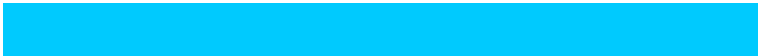
8FAFFF

# Square

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



7AC669



00CAFE



DC9AFC



FF956A

# Rectangle

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



7AC669



00CEBE



DC9AFC



FF86AA

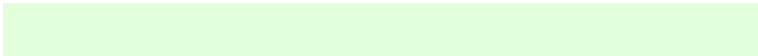


# Sweetspot

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



7AC669



E2FFDB



C6B569



6E806A



000000



808080



# Same Dimension

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



7AC669



8AFF70



69C686



5B635A



1EA300



072400



# Inverse Universe

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



B569C6



E570FF



C669A9



625A63



8500A3



1D0024



# Previews

## White Background



This preview shows how the Hex color 7AC669 looks on a white background.

## Color Contrast Check

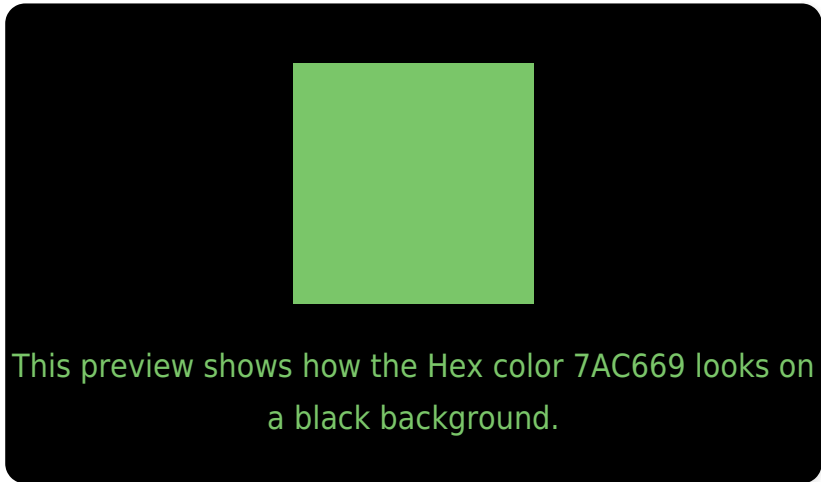
Large Text (above 18pt) WCAG AA × Fail

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 7AC669 Background



This preview shows how black text looks on a background with the Hex color 7AC669.

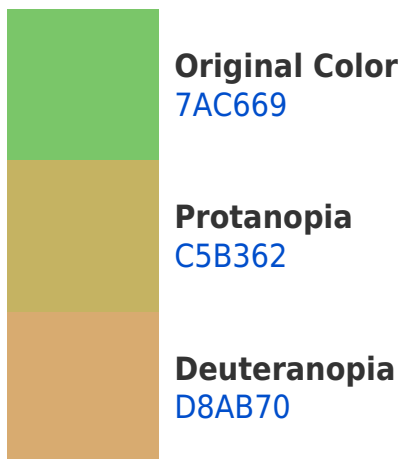


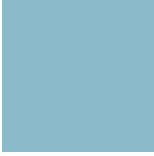
This preview shows how white text looks on a background with the Hex color 7AC669.

# 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](#).

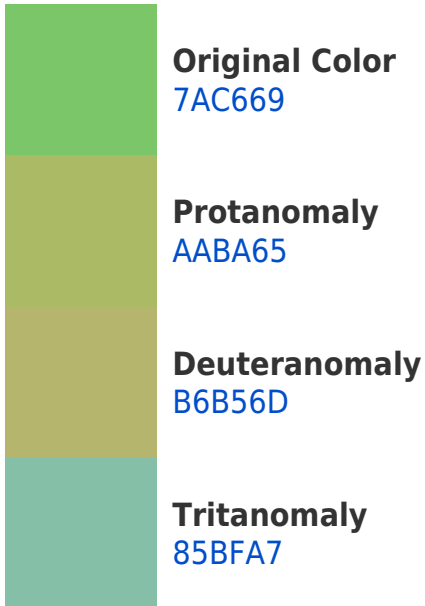
## Dichromacy



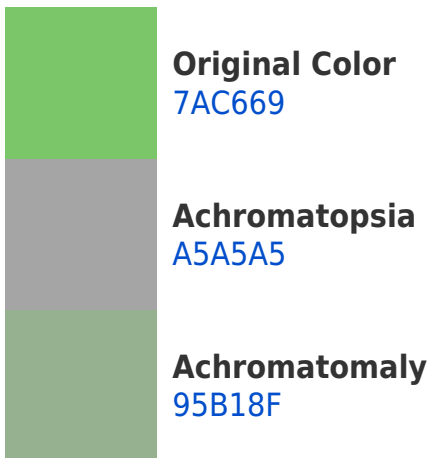


**Tritanopia**  
8BBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AC669 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 #7AC669 looks like.

```
.text, #text, p{  
    color:#7AC669  
}
```

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 #7AC669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC669
}
```

## Border

The CSS property to change the border of an element to Hex 7AC669 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
#7AC669 }
```

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

```
.border{ border-color:#7AC669 }
```

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

Here you see how a box with a 4 pixel #7AC669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC669; -webkit-box-shadow:4px 4px  
4px 4px #7AC669; box-shadow:4px 4px 4px  
4px #7AC669 }
```

# Background

The CSS property to change the background color of an element to Hex 7AC669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC669 }
```

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

```
.background{ background-color:#7AC669 }
```

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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