

# Converting Colors

Hex(7AC691)

Have a look what the booklet for  
Hex(7AC691) contains.

<b>Hex(7AC691)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7AC691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AC691
RGB	122, 198, 145
RGB Percent	48%, 78%, 57%
CMY	0.5216, 0.2235, 0.4314
CMYK	0.38, 0.00, 0.27, 0.22
HSL	138°, 40%, 63%
HSV	138°, 38%, 78%
XYZ	33.3310, 46.5701, 34.0203
YIQ	169.2340, -28.2830, -32.5950

# Conversions

## Conversions Part 2

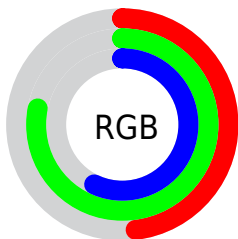
Format	Color
<a href="#">RYB</a>	<a href="#">122, 180, 198</a>
Decimal	<a href="#">8046225</a>
CIELab	<a href="#">73.91, -34.97, 19.31</a>
CIELCh	<a href="#">74, 39.945, 151.090</a>
Yxy	<a href="#">46.5701, 0.2926, 0.4088</a>
Android (android.graphics.Color)	<a href="#">4286236305 (0xFF7AC691)</a>
YUV	<a href="#">169.2340, -11.9474, -41.4242</a>
Hunter-Lab	<a href="#">68.2423, -32.2408, 18.2122</a>

# Details

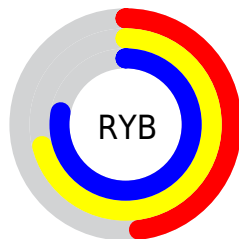
The Hex color **7AC691** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C67AAF**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B1FFC7**, and **45905E** is the 20% darker color. If you saturate the color by 10%, you get **66C683**, and if you desaturate by 10%, it is **8EC69F**.

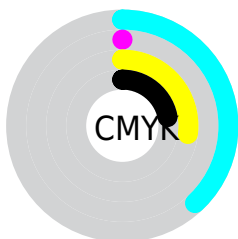
# Distribution



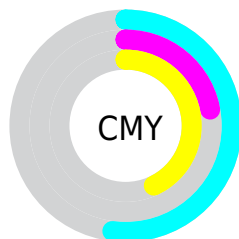
- Red (48%)
- Green (78%)
- Blue (57%)



- Red (48%)
- Yellow (71%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AC691 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 7AC691 by changing the saturation by 10% instead.



 7AC691

 7AC691

FFFFFF

 5FAA77

 B1FFC7

 45905E

 CDFFE3

 297646

 EAFFFF

 055C30

 00441A

 002D01

 001600

 000000

 7AC691

 7AC691

 66C683

 8EC69F

 52C675

 A2C6AD

 3FC668

 B5C6BA

 2BC65A

 C9C6C8

 17C64C

 DDC6D6

 03C63E

 F1C6E4

 00C63C

 FFC6F2

 FFC6FF

# Harmonies

## Analogous

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



A6BF76



7AC691



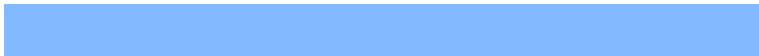
47C9B6

# Triad

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



7AC691



82B9FF



FB9C92

# Complementary

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



7AC691



C67AAF

# 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.



FA99B6



7AC691



BCACF4

# Square

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



7AC691



3FC3F5



E59FDA



EAA776

# Rectangle

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



7AC691



1FC9CF



E59FDA



FD9A9D

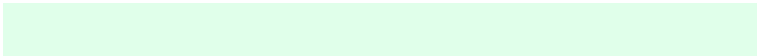


# Sweetspot

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



7AC691



E0FFEA



AFC67A



6E8073



000000



808080



# Same Dimension

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



7AC691



8AFFAD



7AC6B7



5A635D



00A331



00240B



# Inverse Universe

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



C67AAF



FF8ADC



C67A89



635A60



A30072



240019



# Previews

## White Background



This preview shows how the Hex color 7AC691 looks on a white background.

## Color Contrast Check

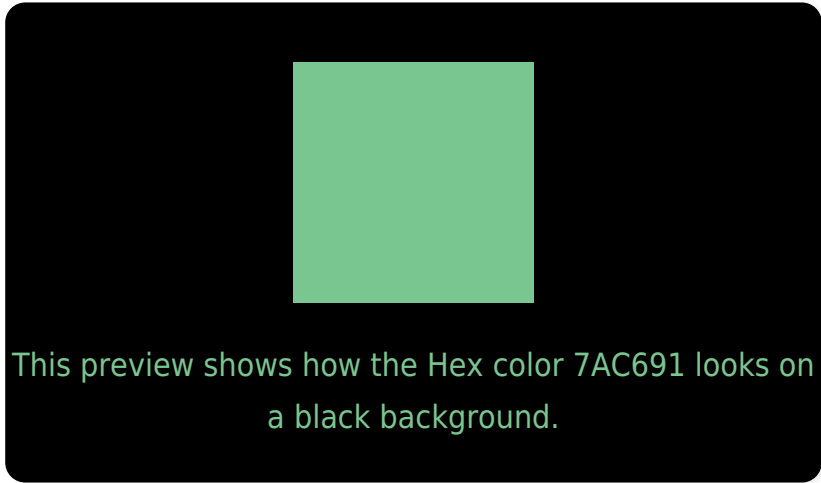
Large Text (above 18pt) WCAG AA × Fail

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

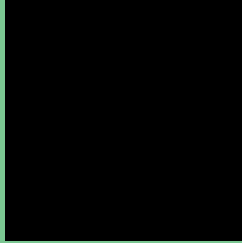
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AC691 Background



This preview shows how black text looks on a background with the Hex color 7AC691.

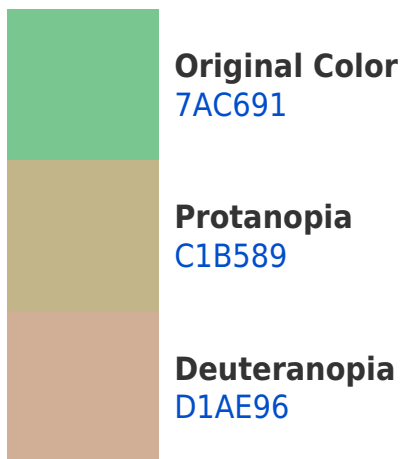


This preview shows how white text looks on a background with the Hex color 7AC691.

# 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



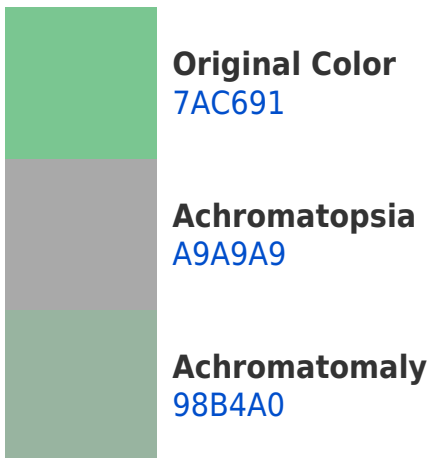


**Tritanopia**  
87BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AC691 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 #7AC691 looks like.

```
.text, #text, p{  
    color:#7AC691  
}
```

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 #7AC691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC691
}
```

## Border

The CSS property to change the border of an element to Hex 7AC691 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
#7AC691 }
```

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

```
.border{ border-color:#7AC691 }
```

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

Here you see how a box with a 4 pixel #7AC691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC691; -webkit-box-shadow:4px 4px  
4px 4px #7AC691; box-shadow:4px 4px 4px  
4px #7AC691 }
```

# Background

The CSS property to change the background color of an element to Hex 7AC691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC691 }
```

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

```
.background{ background-color:#7AC691 }
```

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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