

Converting Colors

Hex(76C69A)

Have a look what the booklet for
Hex(76C69A) contains.

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Color

Hex(76C69A)

Conversions

Conversions Part 1

Format	Color
Hex	76C69A
RGB	118, 198, 154
RGB Percent	46%, 78%, 60%
CMY	0.5373, 0.2235, 0.3961
CMYK	0.40, 0.00, 0.22, 0.22
HSL	147°, 41%, 62%
HSV	147°, 40%, 78%
XYZ	33.4980, 46.5728, 37.7958
YIQ	169.0640, -33.5560, -30.6440

Conversions

Conversions Part 2

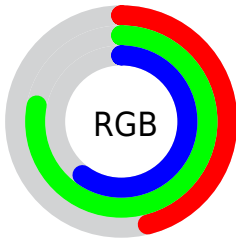
Format	Color
RYB	118, 173, 198
Decimal	7784090
CIELab	73.92, -34.39, 14.47
CIELCh	74, 37.307, 157.181
Yxy	46.5728, 0.2842, 0.3951
Android (android.graphics.Color)	4285974170 (0xFF76C69A)
YUV	169.0640, -7.4266, -44.7831
Hunter-Lab	68.2443, -31.8099, 14.9344

Details

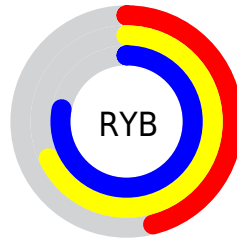
The Hex color **76C69A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C676A2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADFFD0**, and **409067** is the 20% darker color. If you saturate the color by 10%, you get **62C68F**, and if you desaturate by 10%, it is **8AC6A5**.

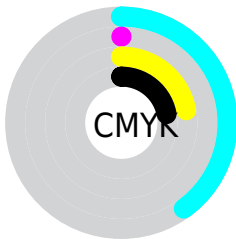
Distribution



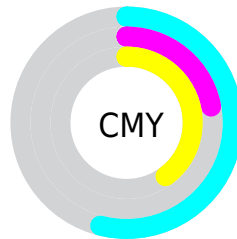
- Red (46%)
- Green (78%)
- Blue (60%)



- Red (46%)
- Yellow (68%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C69A 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 76C69A by changing the saturation by 10% instead.



76C69A



76C69A

FFFFFF



5BAA80



ADFFD0



409067



C9FFED



23764F



E6FFFF



005C38



004422



002D0D



001600



000000



76C69A



76C69A

 62C68F

 8AC6A5

 4EC684

 9EC6B0

 3BC679

 B1C6BB

 27C66E

 C5C6C6

 13C664

 D9C6D0

 00C659

 EDC6DB

 FFC6E6

 FFC6F1

 FFC6FC

Harmonies

Analogous

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



9FC07E



76C69A



4AC8BD

Triad

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



76C69A



93B6F9



F5A08E

Complementary

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



76C69A



C676A2

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.



F89BAF



76C69A



C5AAEC

Square

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



76C69A



5AC0F4



E89FD1



E3AB77

Rectangle

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



76C69A



35C8D4



E89FD1



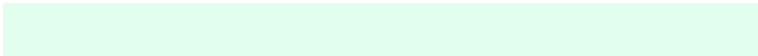
F89E98

Sweetspot

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



76C69A



E0FFEE



A2C676



6E8076



000000



808080

Same Dimension

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



76C69A



85FFBC



76C6C1



5A635E



00A349



002410

Inverse Universe

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



C676A2



FF85C8



C6767A



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color 76C69A looks on a white background.

Color Contrast Check

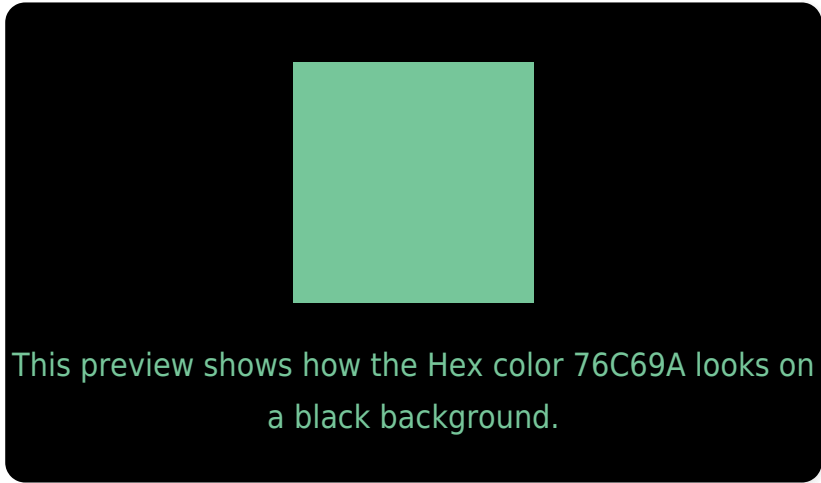
Large Text (above 18pt) WCAG AA × Fail

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

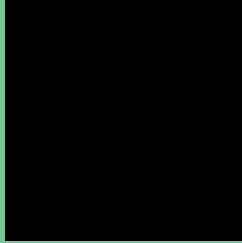
Any Text WCAG AA ✓ Pass

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 76C69A Background



This preview shows how black text looks on a background with the Hex color 76C69A.

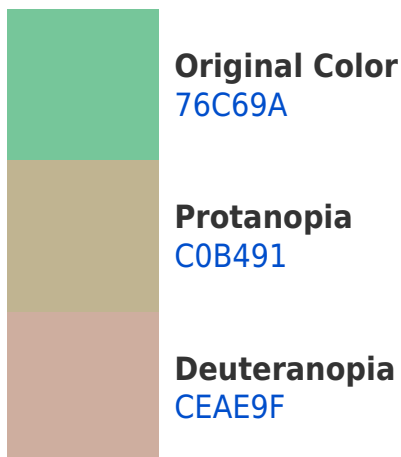


This preview shows how white text looks on a background with the Hex color 76C69A.

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](#).

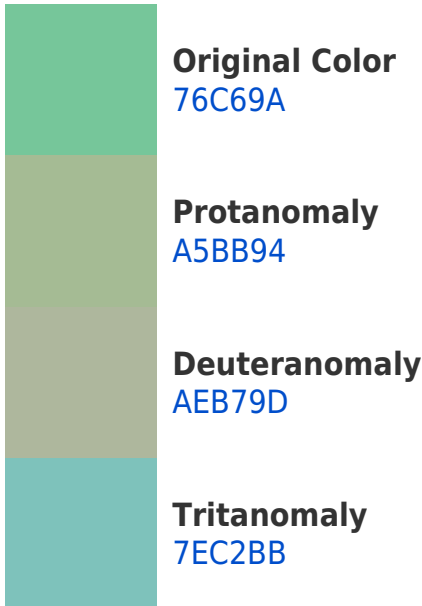
Dichromacy



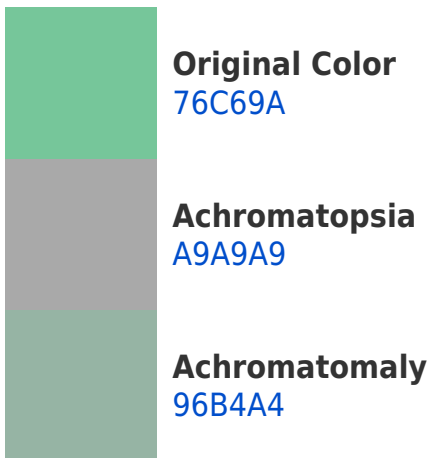


Tritanopia
82BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C69A 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 #76C69A looks like.

```
.text, #text, p{  
    color:#76C69A  
}
```

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 #76C69A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C69A
}
```

Border

The CSS property to change the border of an element to Hex 76C69A 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
#76C69A }
```

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

```
.border{ border-color:#76C69A }
```

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

Here you see how a box with a 4 pixel #76C69A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C69A; -webkit-box-shadow:4px 4px  
4px 4px #76C69A; box-shadow:4px 4px 4px  
4px #76C69A }
```

Background

The CSS property to change the background color of an element to Hex 76C69A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C69A }
```

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

```
.background{ background-color:#76C69A }
```

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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