

Converting Colors

Hex(76C98C)

Have a look what the booklet for
Hex(76C98C) contains.

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Color

Hex(76C98C)

Conversions

Conversions Part 1

Format	Color
Hex	76C98C
RGB	118, 201, 140
RGB Percent	46%, 79%, 55%
CMY	0.5373, 0.2118, 0.4510
CMYK	0.41, 0.00, 0.30, 0.21
HSL	136°, 43%, 63%
HSV	136°, 41%, 79%
XYZ	33.0915, 47.5183, 32.2388
YIQ	169.2290, -29.8870, -36.5670

Conversions

Conversions Part 2

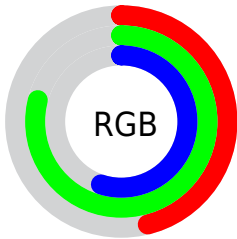
Format	Color
RYB	118, 184, 201
Decimal	7784844
CIELab	74.52, -38.43, 22.77
CIELCh	75, 44.665, 149.354
Yxy	47.5183, 0.2932, 0.4211
Android (android.graphics.Color)	4285974924 (0xFF76C98C)
YUV	169.2290, -14.4099, -44.9278
Hunter-Lab	68.9335, -34.9448, 20.5247

Details

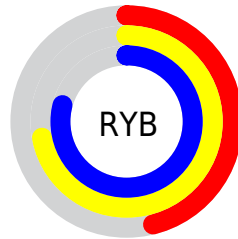
The Hex color **76C98C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C976B3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADFFC2**, and **409259** is the 20% darker color. If you saturate the color by 10%, you get **62C97D**, and if you desaturate by 10%, it is **8AC99B**.

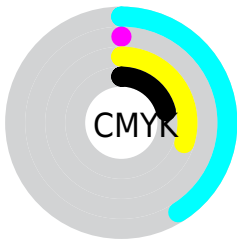
Distribution



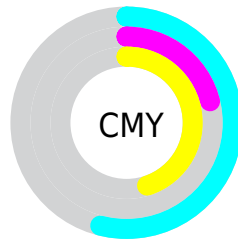
- Red (46%)
- Green (79%)
- Blue (55%)



- Red (46%)
- Yellow (72%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (54%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C98C 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 76C98C by changing the saturation by 10% instead.

 76C98C

 76C98C

FFFFFF

 5BAD72

 ADFFC2

 409259

 CAFFDE

 227842

 E7FFFB

 005F2B

 004615

 002F00

 001800

 000000

 76C98C

 76C98C

 62C97D

 8AC99B

 4EC96E

 9EC9AA

 3AC960

 B2C9B8

 26C951

 C6C9C7

 12C942

 DBC9D6

 00C935

 EFC9E5

 FFC9F3

 FFC9FF

Harmonies

Analogous

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



A8C16E



76C98C



31CDB5

Triad

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



76C98C



75BCFF



FF9A91

Complementary

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



76C98C



C976B3

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.



FF97BA



76C98C



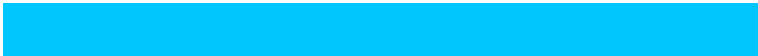
BAADFF

Square

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



76C98C



00C6FD



EA9EE2



F3A672

Rectangle

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



76C98C



00CDD1



EA9EE2



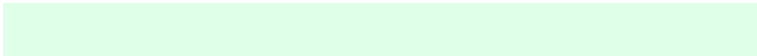
FF989E

Sweetspot

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



76C98C



E0FFE9



B4C976



6E8072



000000



808080

Same Dimension

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



76C98C



80FFA1



76C9B4



5A635C



00A32B



002409

Inverse Universe

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



C976B3



FF80DD



C9768B



635A61



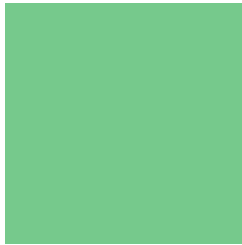
A30078



24001A

Previews

White Background



This preview shows how the Hex color 76C98C looks on a white background.

Color Contrast Check

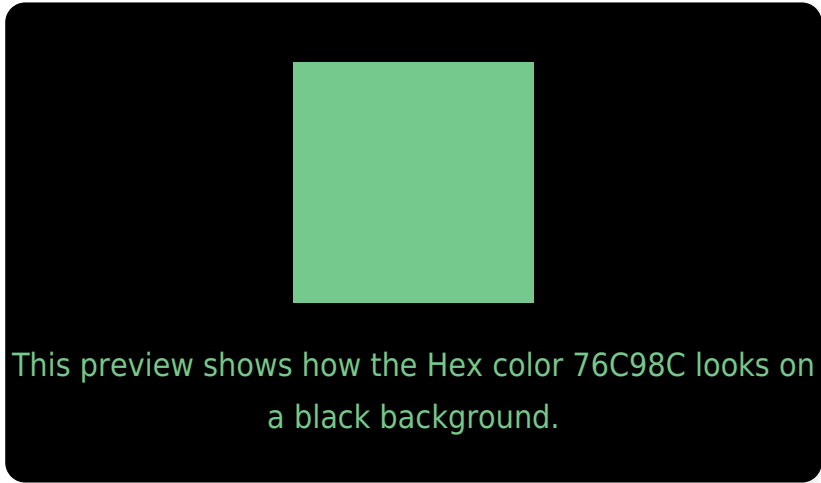
Large Text (above 18pt) WCAG AA × Fail

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

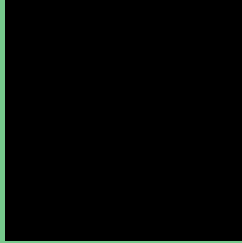
Any Text WCAG AA ✓ Pass

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 76C98C Background



This preview shows how black text looks on a background with the Hex color 76C98C.

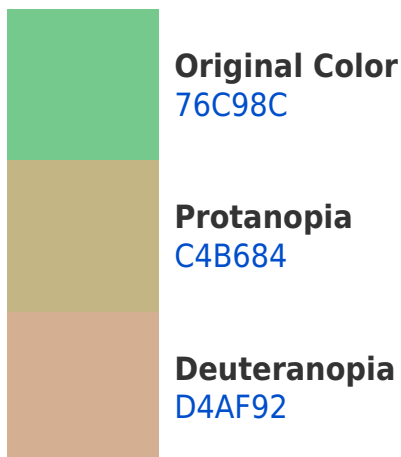


This preview shows how white text looks on a background with the Hex color 76C98C.

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
85C0D0

Trichromacy



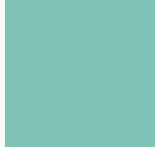
Original Color
76C98C



Protanomaly
A8BD87



Deuteranomaly
B2B890



Tritanomaly
80C3B7

Monochromacy



Original Color
76C98C



Achromatopsia
A9A9A9



Achromatomaly
96B59E

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C98C 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 #76C98C looks like.

```
.text, #text, p{  
    color:#76C98C  
}
```

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 #76C98C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C98C
}
```

Border

The CSS property to change the border of an element to Hex 76C98C 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
#76C98C }
```

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

```
.border{ border-color:#76C98C }
```

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

Here you see how a box with a 4 pixel #76C98C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C98C; -webkit-box-shadow:4px 4px  
4px 4px #76C98C; box-shadow:4px 4px 4px  
4px #76C98C }
```

Background

The CSS property to change the background color of an element to Hex 76C98C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C98C }
```

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

```
.background{ background-color:#76C98C }
```

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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