

Converting Colors

Hex(76C196)

Have a look what the booklet for
Hex(76C196) contains.

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Color

Hex(76C196)

Conversions

Conversions Part 1

Format	Color
Hex	76C196
RGB	118, 193, 150
RGB Percent	46%, 76%, 59%
CMY	0.5373, 0.2431, 0.4118
CMYK	0.39, 0.00, 0.22, 0.24
HSL	146°, 38%, 61%
HSV	146°, 39%, 76%
XYZ	32.0462, 44.1935, 35.6953
YIQ	165.6730, -30.8970, -29.2730

Conversions

Conversions Part 2

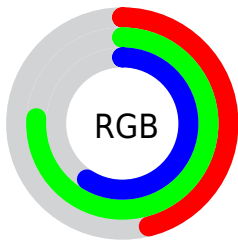
Format	Color
RYB	118, 171, 193
Decimal	7782806
CIELab	72.36, -32.85, 14.44
CIElCh	72, 35.881, 156.277
Yxy	44.1935, 0.2863, 0.3948
Android (android.graphics.Color)	4285972886 (0xFF76C196)
YUV	165.6730, -7.7268, -41.8092
Hunter-Lab	66.4782, -30.2898, 14.6991

Details

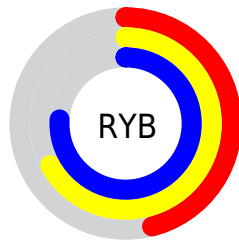
The Hex color **76C196** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C176A1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADFACC**, and **418B63** is the 20% darker color. If you saturate the color by 10%, you get **63C18B**, and if you desaturate by 10%, it is **89C1A1**.

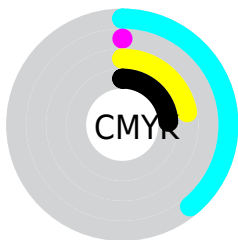
Distribution



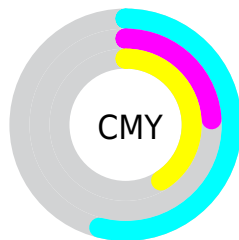
- Red (46%)
- Green (76%)
- Blue (59%)



- Red (46%)
- Yellow (67%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C196 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 76C196 by changing the saturation by 10% instead.



76C196



76C196

FFFFFF



5BA67C



ADFACC



418B63



C9FFE8



25714B



E6FFFF



005834



00401F



002A08



000F00



000000



76C196



76C196

 63C18B

 89C1A1

 4FC180

 9DC1AC

 3CC175

 B0C1B7

 29C16A

 C3C1C2

 16C15F

 D6C1CD

 02C154

 EAC1D8

 00C152

 FDC1E3

 FFC1EF

 FFC1FA

Harmonies

Analogous

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



9DBB7C



76C196



4DC3B7

Triad

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



76C196



8FB2F2



EF9C8C

Complementary

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



76C196



C176A1

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.



F198AC



76C196



BFA6E6

Square

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



76C196



5ABCED



E19CCD



DEA676

Rectangle

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



76C196



3AC3CD



E19CCD



F29A96

Sweetspot

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



76C196



DCFAE9



A2C176



6B7D73



FCFCFC



7D7D7D

Same Dimension

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



76C196



84FAB7



76C1BB



57615B



00A145



00210E

Inverse Universe

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



C176A1



FA84C8



C1767C



61575D



A1005C



210013

Previews

White Background



This preview shows how the Hex color 76C196 looks on a white background.

Color Contrast Check

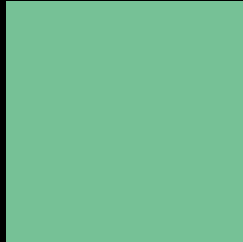
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 76C196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

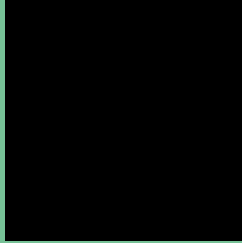
Any Text WCAG AA ✓ Pass

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 76C196 Background



This preview shows how black text looks on a background with the Hex color 76C196.

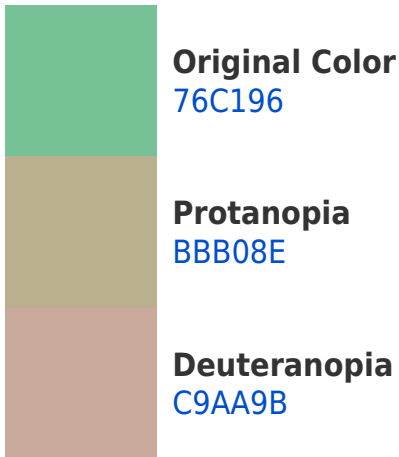


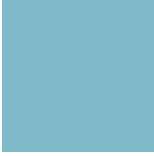
This preview shows how white text looks on a background with the Hex color 76C196.

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
81BAC9

Trichromacy



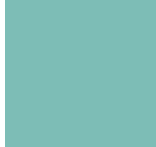
Original Color
76C196



Protanomaly
A2B691



Deuteranomaly
ABB299



Tritanomaly
7DBDB6

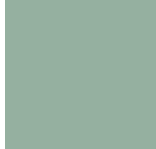
Monochromacy



Original Color
76C196



Achromatopsia
A6A6A6



Achromatomaly
95B0A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C196 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 #76C196 looks like.

```
.text, #text, p{  
    color:#76C196  
}
```

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 #76C196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C196
}
```

Border

The CSS property to change the border of an element to Hex 76C196 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
#76C196 }
```

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

```
.border{ border-color:#76C196 }
```

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

Here you see how a box with a 4 pixel #76C196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C196; -webkit-box-shadow:4px 4px  
4px 4px #76C196; box-shadow:4px 4px 4px  
4px #76C196 }
```

Background

The CSS property to change the background color of an element to Hex 76C196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C196 }
```

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

```
.background{ background-color:#76C196 }
```

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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