

Converting Colors

Hex(76C796)

Have a look what the booklet for
Hex(76C796) contains.

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Color

Hex(76C796)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76C796 |
| RGB | 118, 199, 150 |
| RGB Percent | 46%, 78%, 59% |
| CMY | 0.5373, 0.2196, 0.4118 |
| CMYK | 0.41, 0.00, 0.25, 0.22 |
| HSL | 144°, 42%, 62% |
| HSV | 144°, 41%, 78% |
| XYZ | 33.3997, 46.9004, 36.1465 |
| YIQ | 169.1950, -32.5470, -32.4110 |

Conversions

Conversions Part 2

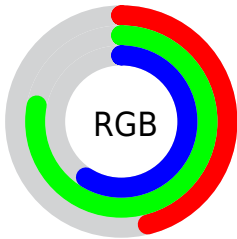
| Format | Color |
|-------------------------------------|---|
| RYB | 118, 176, 199 |
| Decimal | 7784342 |
| CIELab | 74.13, -35.64, 16.91 |
| CIELCh | 74, 39.446, 154.622 |
| Yxy | 46.9004, 0.2868, 0.4028 |
| Android (android.graphics.Color) | 4285974422 (0xFF76C796) |
| YUV | 169.1950, -9.4631, -44.8980 |
| Hunter-Lab | 68.4839, -32.7921, 16.6448 |

Details

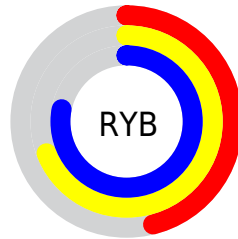
The Hex color **76C796** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C776A7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **ADFFCC**, and **409163** is the 20% darker color. If you saturate the color by 10%, you get **62C78A**, and if you desaturate by 10%, it is **8AC7A2**.

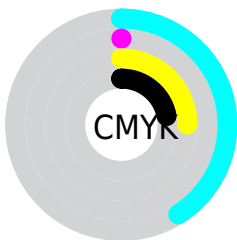
Distribution



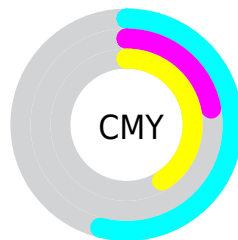
- Red (46%)
- Green (78%)
- Blue (59%)



- Red (46%)
- Yellow (69%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C796 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 76C796 by changing the saturation by 10% instead.



76C796



76C796

FFFFFF



5BAB7C



ADFFCC



409163



CAFFE9



23764B



E6FFFF



005D34



00451E



002E07



001700



000000



76C796



76C796

 62C78A

 8AC7A2

 4EC77E

 9EC7AE

 3AC772

 B2C7BA

 26C766

 C6C7C6

 13C75A

 DAC7D2

 00C74F

 EDC7DE

 FFC7EA

 FFC7F6

 FFC7FF

Harmonies

Analogous

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



A2C079



76C796



44CABB

Triad

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



76C796



8BB8FE



FA9E8F

Complementary

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



76C796



C776A7

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.



FB9AB2



76C796



C2ABF2

Square

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



76C796



4BC2F7



E99FD6



E8A976

Rectangle

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



76C796



21C9D3



E99FD6



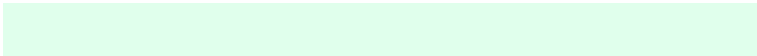
FD9C9A

Sweetspot

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



76C796



E0FFEC



A8C776



6E8075



000000



808080

Same Dimension

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



76C796



82FFB3



76C7BE



5A635D



00A340



00240E

Inverse Universe

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



C776A7



FF82CE



C7767F



635A60



A30063



240016

Previews

White Background



This preview shows how the Hex color 76C796 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 76C796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

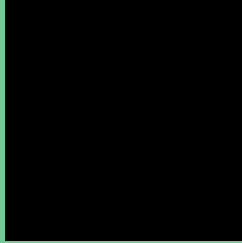
Any Text WCAG AA ✓ Pass

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 76C796 Background



This preview shows how black text looks on a background with the Hex color 76C796.

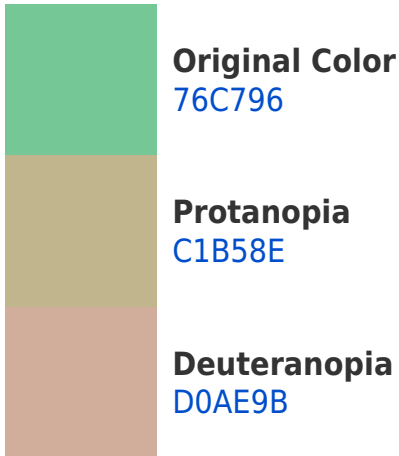


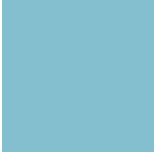
This preview shows how white text looks on a background with the Hex color 76C796.

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](#).

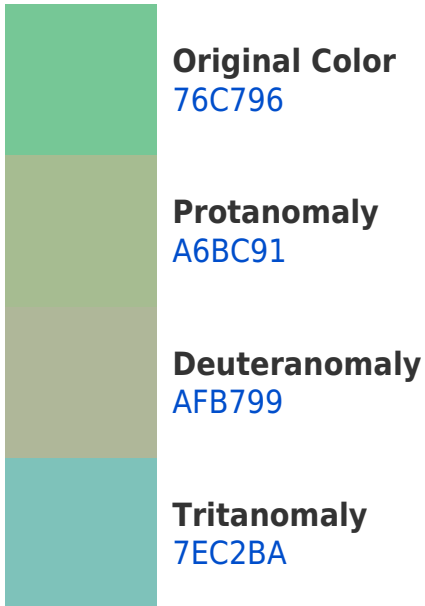
Dichromacy



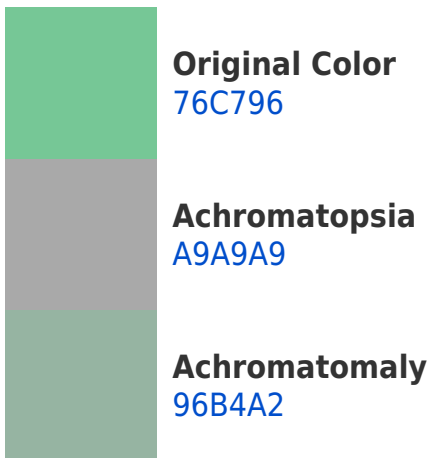


Tritanopia
83BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C796 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 #76C796 looks like.

```
.text, #text, p{  
    color:#76C796  
}
```

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 #76C796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C796
}
```

Border

The CSS property to change the border of an element to Hex 76C796 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
#76C796 }
```

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

```
.border{ border-color:#76C796 }
```

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

Here you see how a box with a 4 pixel #76C796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C796; -webkit-box-shadow:4px 4px  
4px 4px #76C796; box-shadow:4px 4px 4px  
4px #76C796 }
```

Background

The CSS property to change the background color of an element to Hex 76C796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C796 }
```

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

```
.background{ background-color:#76C796 }
```

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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