

Converting Colors

Hex(76AD7F)

Have a look what the booklet for
Hex(76AD7F) contains.

Hex(76AD7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76AD7F)

Conversions

Conversions Part 1

Format	Color
Hex	76AD7F
RGB	118, 173, 127
RGB Percent	46%, 68%, 50%
CMY	0.5373, 0.3216, 0.5020
CMYK	0.32, 0.00, 0.27, 0.32
HSL	130°, 25%, 57%
HSV	130°, 32%, 68%
XYZ	26.2455, 35.2710, 25.5034
YIQ	151.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

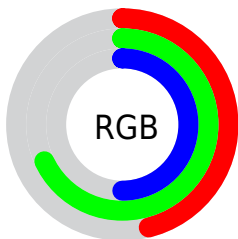
Format	Color
RYB	118, 165, 173
Decimal	7777663
CIELab	65.96, -27.68, 18.02
CIELCh	66, 33.030, 146.928
Yxy	35.2710, 0.3016, 0.4053
Android (android.graphics.Color)	4285967743 (0xFF76AD7F)
YUV	151.3110, -11.9853, -29.2137
Hunter-Lab	59.3894, -25.0481, 16.1119

Details

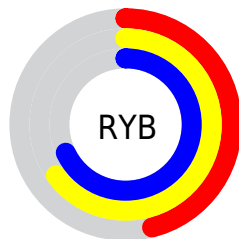
The Hex color **76AD7F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD76A4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ACE5B4**, and **43784E** is the 20% darker color. If you saturate the color by 10%, you get **65AD71**, and if you desaturate by 10%, it is **87AD8D**.

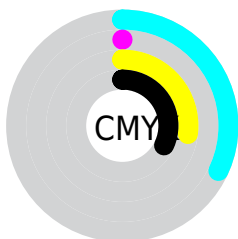
Distribution



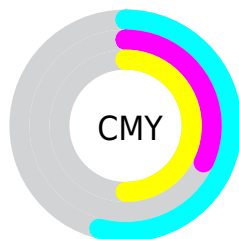
- Red (46%)
- Green (68%)
- Blue (50%)



- Red (46%)
- Yellow (65%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (54%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AD7F 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 76AD7F by changing the saturation by 10% instead.

 76AD7F

 76AD7F

FFFFFF

 5C9266

 ACE5B4

 43784E

 C7FFD0

 2A5F37

 E4FFEC


 0F4721

 00300B

 001D00

 000000

 76AD7F

 76AD7F

 65AD71

 87AD8D

 53AD62

 99AD9C

 42AD54

 AAADAA

 31AD45

 BBADB9

 20AD37

 CDADC7

 0EAD28

 DEADD6

 00AD1C

 EFADE4

 FFADF3

 FFADFF

Harmonies

Analogous

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



99A76B



76AD7F



51B09C

Triad

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



76AD7F



72A4DB



DA8B87

Complementary

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



76AD7F



AD76A4

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.



D78AA5



76AD7F



A09AD5

Square

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



76AD7F



45ACD1



C390C1



CE9370

Rectangle

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



76AD7F



3CB0B0



C390C1



DB8A90

Sweetspot

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



76AD7F



CAE0CE



A5AD76



637065



F0F0F0



707070

Same Dimension

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



76AD7F



8BE099



76AD9A



4E574F



009619



001704

Inverse Universe

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



AD76A4



E08BD2



AD7689



574E55



96007E



170013

Previews

White Background



This preview shows how the Hex color 76AD7F looks on a white background.

Color Contrast Check

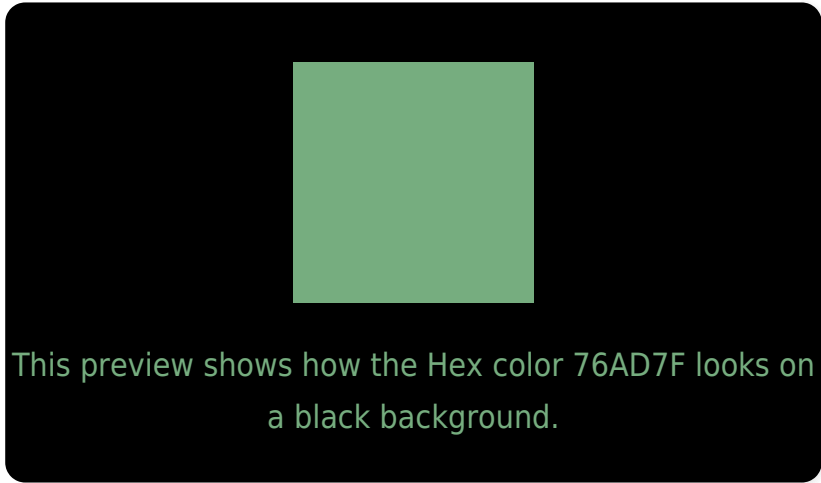
Large Text (above 18pt) WCAG AA × Fail

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

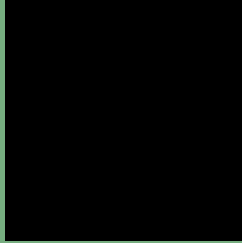
Any Text WCAG AA ✓ Pass

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 76AD7F Background



This preview shows how black text looks on a background with the Hex color 76AD7F.



This preview shows how white text looks on a background with the Hex color 76AD7F.

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](#).

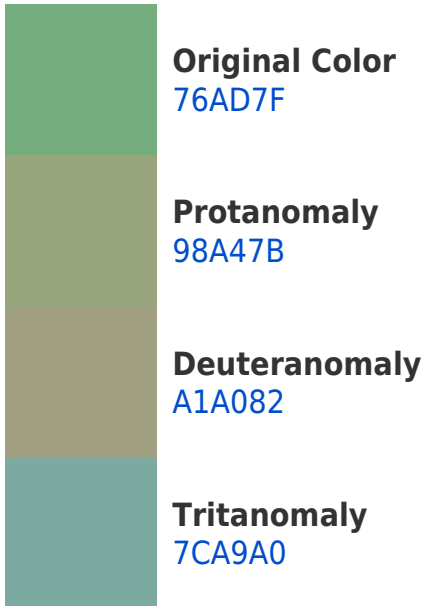
Dichromacy



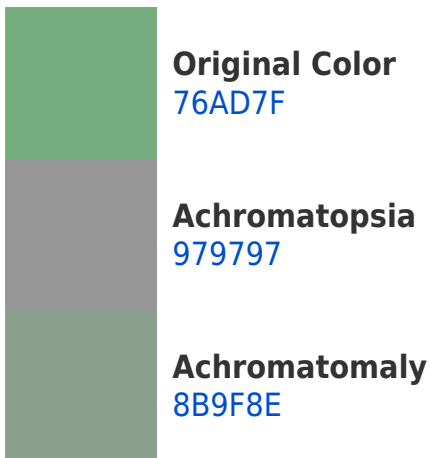


Tritanopia
80A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76AD7F 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 #76AD7F looks like.

```
.text, #text, p{  
    color:#76AD7F  
}
```

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 #76AD7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AD7F
}
```

Border

The CSS property to change the border of an element to Hex 76AD7F 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
#76AD7F }
```

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

```
.border{ border-color:#76AD7F }
```

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

Here you see how a box with a 4 pixel #76AD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AD7F; -webkit-box-shadow:4px 4px  
4px 4px #76AD7F; box-shadow:4px 4px 4px  
4px #76AD7F }
```

Background

The CSS property to change the background color of an element to Hex 76AD7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AD7F }
```

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

```
.background{ background-color:#76AD7F }
```

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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