

Converting Colors

Hex(76AE7A)

Have a look what the booklet for
Hex(76AE7A) contains.

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Color

Hex(76AE7A)

Conversions

Conversions Part 1

Format	Color
Hex	76AE7A
RGB	118, 174, 122
RGB Percent	46%, 68%, 48%
CMY	0.5373, 0.3176, 0.5216
CMYK	0.32, 0.00, 0.30, 0.32
HSL	124°, 26%, 57%
HSV	124°, 32%, 68%
XYZ	26.1201, 35.5288, 23.8934
YIQ	151.3280, -16.6840, -28.0440

Conversions

Conversions Part 2

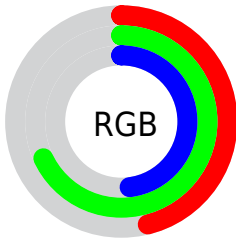
Format	Color
RYB	118, 170, 174
Decimal	7777914
CIELab	66.16, -29.06, 21.02
CIELCh	66, 35.862, 144.120
Yxy	35.5288, 0.3053, 0.4153
Android (android.graphics.Color)	4285967994 (0xFF76AE7A)
YUV	151.3280, -14.4587, -29.2287
Hunter-Lab	59.6060, -26.0896, 17.9575

Details

The Hex color **76AE7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE76AA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ACE6AF**, and **437949** is the 20% darker color. If you saturate the color by 10%, you get **65AE6A**, and if you desaturate by 10%, it is **87AE8A**.

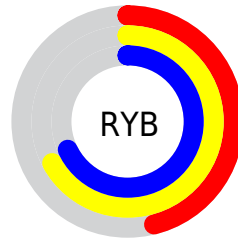
Distribution



Red (46%)

Green (68%)

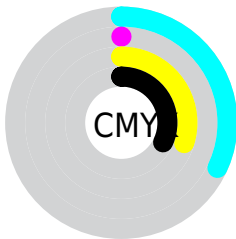
Blue (48%)



Red (46%)

Yellow (67%)

Blue (68%)

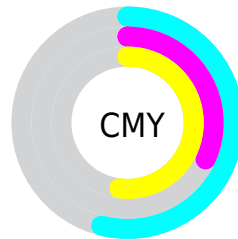


Cyan (32%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (54%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AE7A 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 76AE7A by changing the saturation by 10% instead.

 76AE7A

 76AE7A

FFFFFF

 5C9361

 ACE6AF

 437949

 C8FFCA

 2A6032

 E4FFE6

 0E481C

 003104

 001E00

 000000

 76AE7A

 76AE7A

 65AE6A

 87AE8A

 53AE5A

 99AE9A

 42AE4A

 AAAEAA

 30AE39

 BCAEBB

 1FAE29

 CDAECB

 0EAE19

 DEAEDB

 00AE0C

 FOAEEB

 FFAEFB

 FFAEFF

Harmonies

Analogous

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



9CA765



76AE7A



4CB299

Triad

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



76AE7A



67A6E0



DF8988

Complementary

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



76AE7A



AE76AA

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.



DB88A8



76AE7A



9B9BDB

Square

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



76AE7A



2EAED4



C38FC7



D4926E

Rectangle

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



76AE7A



2CB2AF



C38FC7



E08893

Sweetspot

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



76AE7A



CCE3CE



AAAE76



657366



F2F2F2



737373

Same Dimension

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



76AE7A



8AE391



76AE96



4E574F



00960B



001702

Inverse Universe

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



AE76AA



E38ADD



AE768E



574E56



96008C



170015

Previews

White Background



This preview shows how the Hex color 76AE7A looks on a white background.

Color Contrast Check

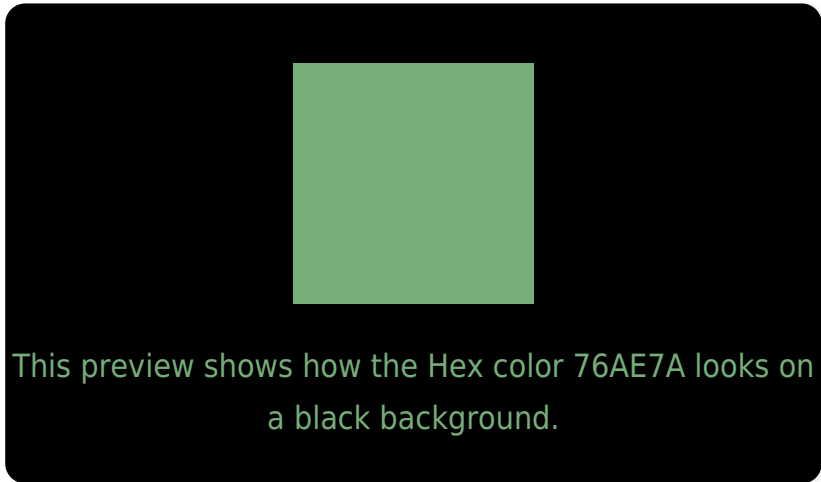
Large Text (above 18pt) WCAG AA × Fail

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

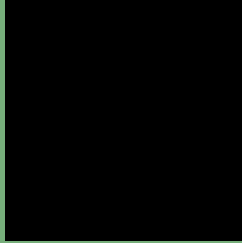
Any Text WCAG AA ✓ Pass

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 76AE7A Background



This preview shows how black text looks on a background with the Hex color 76AE7A.

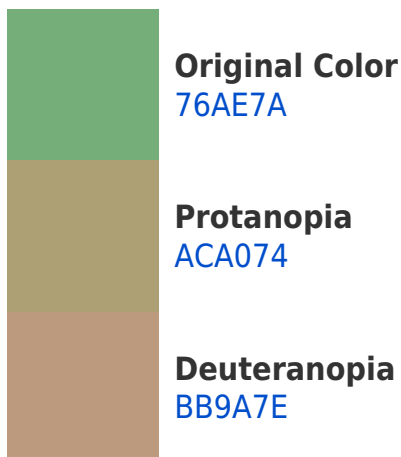


This preview shows how white text looks on a background with the Hex color 76AE7A.

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](#).

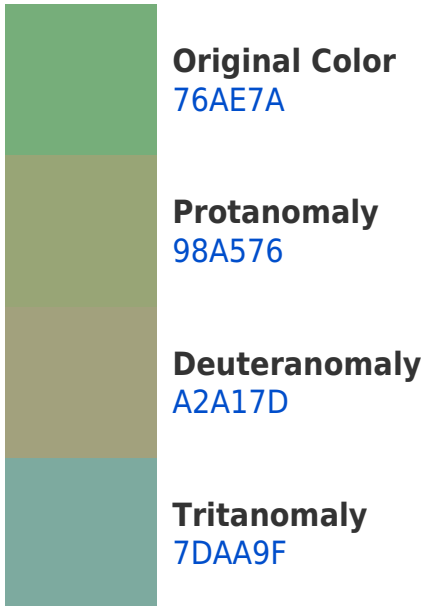
Dichromacy





Tritanopia
81A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76AE7A 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 #76AE7A looks like.

```
.text, #text, p{  
    color:#76AE7A  
}
```

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 #76AE7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AE7A
}
```

Border

The CSS property to change the border of an element to Hex 76AE7A 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
#76AE7A }
```

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

```
.border{ border-color:#76AE7A }
```

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

Here you see how a box with a 4 pixel #76AE7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AE7A; -webkit-box-shadow:4px 4px  
4px 4px #76AE7A; box-shadow:4px 4px 4px  
4px #76AE7A }
```

Background

The CSS property to change the background color of an element to Hex 76AE7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AE7A }
```

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

```
.background{ background-color:#76AE7A }
```

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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