

Converting Colors

Hex(76A87B)

Have a look what the booklet for
Hex(76A87B) contains.

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Color

Hex(76A87B)

Conversions

Conversions Part 1

Format	Color
Hex	76A87B
RGB	118, 168, 123
RGB Percent	46%, 66%, 48%
CMY	0.5373, 0.3412, 0.5176
CMYK	0.30, 0.00, 0.27, 0.34
HSL	126°, 22%, 56%
HSV	126°, 30%, 66%
XYZ	25.0490, 33.2869, 23.8437
YIQ	147.9200, -15.3550, -24.5950

Conversions

Conversions Part 2

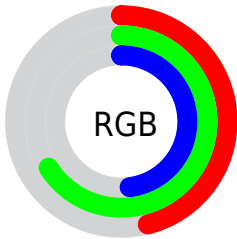
Format	Color
RYB	118, 163, 168
Decimal	7776379
CIELab	64.39, -25.95, 18.06
CIElCh	64, 31.616, 145.169
Yxy	33.2869, 0.3048, 0.4051
Android (android.graphics.Color)	4285966459 (0xFF76A87B)
YUV	147.9200, -12.2856, -26.2398
Hunter-Lab	57.6948, -23.4676, 15.8834

Details

The Hex color **76A87B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A876A3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ABDFB0**, and **44744A** is the 20% darker color. If you saturate the color by 10%, you get **65A86C**, and if you desaturate by 10%, it is **87A88A**.

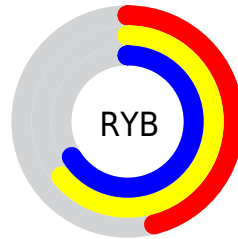
Distribution



Red (46%)

Green (66%)

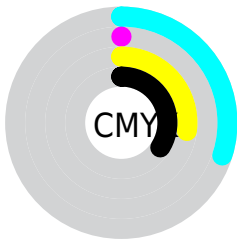
Blue (48%)



Red (46%)

Yellow (64%)

Blue (66%)

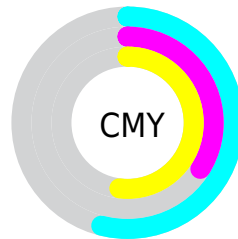


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A87B 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 76A87B by changing the saturation by 10% instead.

 76A87B

 76A87B

FFFFFF

 5C8D62

 ABDFB0

 44744A

 C7FCCB

 2B5B33


 E3FFE7

 12431D

 002C06

 001800

 000000

 76A87B

 76A87B

 65A86C

 87A88A

 54A85D

 98A899

 44A84E


 A8A8A8

 33A83F

 B9A8B7

 22A82F

 CAA8C7

 11A820

 DBA8D6

 00A811

 ECA8E5

 FCA8F4

 FFA8FF

Harmonies

Analogous

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



97A268



76A87B



54AB96

Triad

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



76A87B



6EA0D4



D48886

Complementary

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



76A87B



A876A3

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.



D087A2



76A87B



9996CF

Square

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



76A87B



45A7CA



BC8DBD



C98F6F

Rectangle

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



76A87B



40ABAA



BC8DBD



D4878F

Sweetspot

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



76A87B



C8DBCA



A3A876



626E63



EDEDED



6E6E6E

Same Dimension

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



76A87B



8CDB94



76A894



4C544D



00940F



001402

Inverse Universe

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



A876A3



DB8CD3



A8768A



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 76A87B looks on a white background.

Color Contrast Check

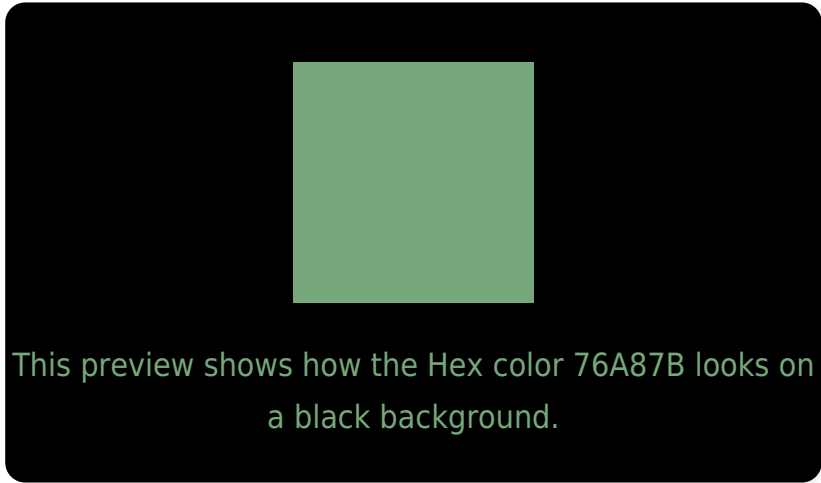
Large Text (above 18pt) WCAG AA × Fail

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

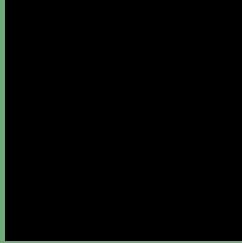
Any Text WCAG AA ✓ Pass

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 76A87B Background



This preview shows how black text looks on a background with the Hex color 76A87B.



This preview shows how white text looks on a background with the Hex color 76A87B.

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](#).

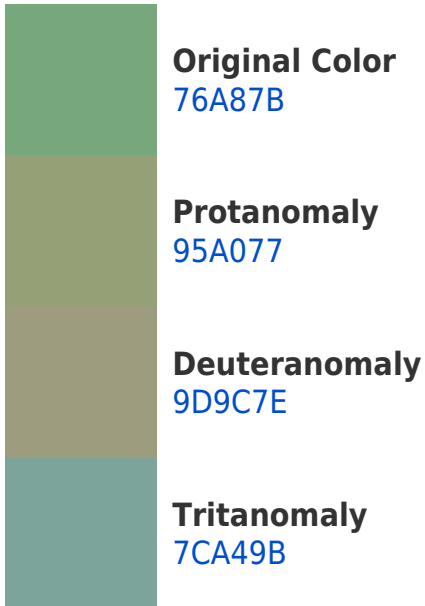
Dichromacy



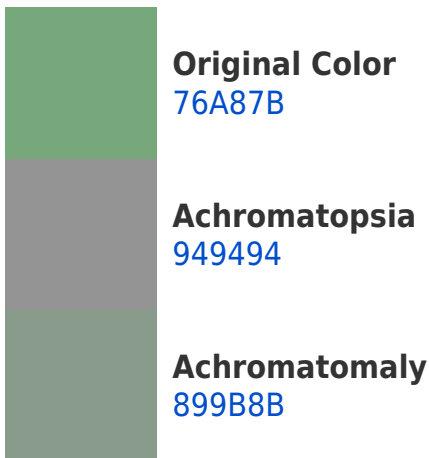


Tritanopia
80A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A87B 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 #76A87B looks like.

```
.text, #text, p{  
    color:#76A87B  
}
```

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 #76A87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A87B
}
```

Border

The CSS property to change the border of an element to Hex 76A87B 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
#76A87B }
```

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

```
.border{ border-color:#76A87B }
```

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

Here you see how a box with a 4 pixel #76A87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A87B; -webkit-box-shadow:4px 4px  
4px 4px #76A87B; box-shadow:4px 4px 4px  
4px #76A87B }
```

Background

The CSS property to change the background color of an element to Hex 76A87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A87B }
```

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

```
.background{ background-color:#76A87B }
```

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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