

Converting Colors

Hex(76A48E)

Have a look what the booklet for
Hex(76A48E) contains.

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Color

Hex(76A48E)

Conversions

Conversions Part 1

Format	Color
Hex	76A48E
RGB	118, 164, 142
RGB Percent	46%, 64%, 56%
CMY	0.5373, 0.3569, 0.4431
CMYK	0.28, 0.00, 0.13, 0.36
HSL	151°, 20%, 55%
HSV	151°, 28%, 64%
XYZ	25.6292, 32.3555, 30.4856
YIQ	147.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

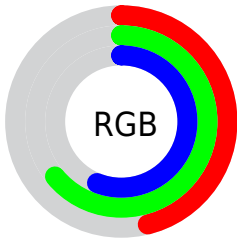
Format	Color
RYB	118, 148, 164
Decimal	7775374
CIELab	63.64, -20.23, 6.46
CIELCh	64, 21.239, 162.286
Yxy	32.3555, 0.2897, 0.3657
Android (android.graphics.Color)	4285965454 (0xFF76A48E)
YUV	147.7380, -2.8288, -26.0802
Hunter-Lab	56.8819, -19.1168, 8.0411

Details

The Hex color **76A48E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4768C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ABDBC4**, and **44705C** is the 20% darker color. If you saturate the color by 10%, you get **66A486**, and if you desaturate by 10%, it is **86A496**.

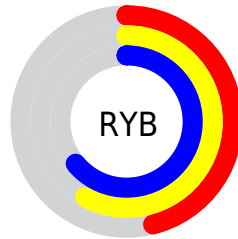
Distribution



Red (46%)

Green (64%)

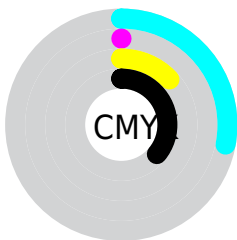
Blue (56%)



Red (46%)

Yellow (58%)

Blue (64%)

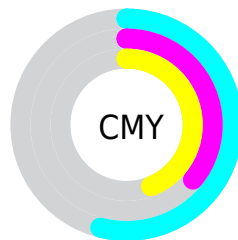


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A48E 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 76A48E by changing the saturation by 10% instead.

 76A48E

 76A48E

FFFFFF

 5D8A74

 ABD4C4

 44705C

 C7F8E0

 2C5744

 E3FFFC

 14402E

 002919

 001500

 000000

 76A48E

 76A48E

 66A486

 86A496

 55A47E

 97A49E

 45A476

 A7A4A6

 34A46F

 B8A4AD

 24A467

 C8A4B5

 14A45F

 D8A4BD

 03A457

 E9A4C5

 00A456

 F9A4CD

 FFA4D5

Harmonies

Analogous

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



8BA17E



76A48E



67A5A1

Triad

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



76A48E



8E99BF



BE8F81

Complementary

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



76A48E



A4768C

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.



C18D93



76A48E



A793B6

Square

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



76A48E



759FBE



B98EA6



B29577

Rectangle

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



76A48E



64A4AE



B98EA6



C08E87

Sweetspot

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



76A48E



C5D6CE



8CA476



606B66



EBEBEB



6B6B6B

Same Dimension

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



76A48E



8DD6B3



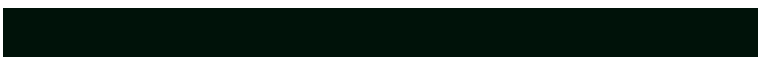
76A3A4



49524E



00914C



001209

Inverse Universe

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



A4768C



D68DB0



A47776



52494D



910046



120009

Previews

White Background



This preview shows how the Hex color 76A48E looks on a white background.

Color Contrast Check

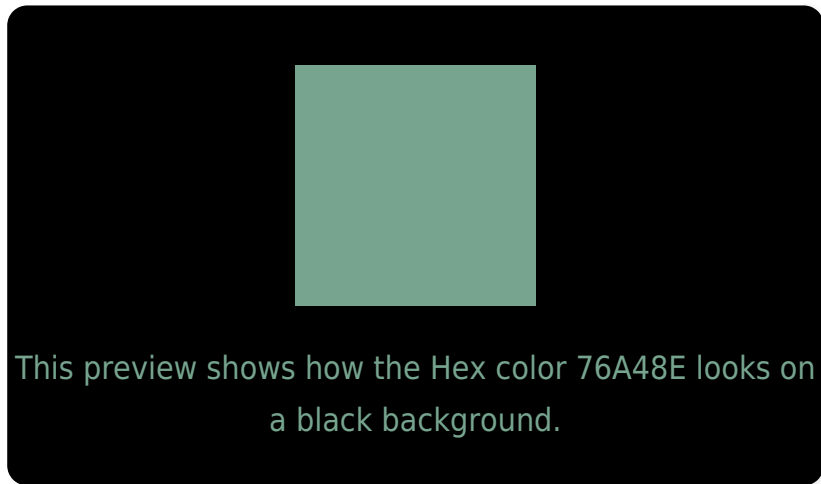
Large Text (above 18pt) WCAG AA × Fail

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

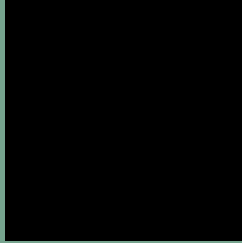
Any Text WCAG AA ✓ Pass

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 76A48E Background



This preview shows how black text looks on a background with the Hex color 76A48E.

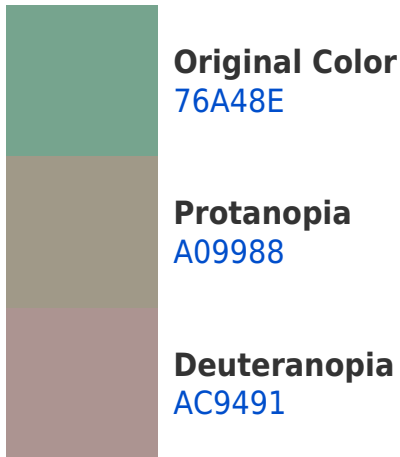


This preview shows how white text looks on a background with the Hex color 76A48E.

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](#).

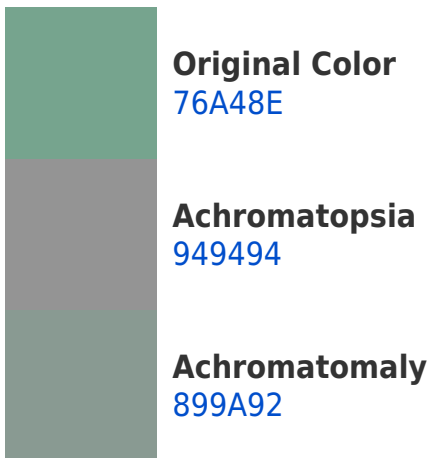
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A48E 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 #76A48E looks like.

```
.text, #text, p{  
    color:#76A48E  
}
```

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 #76A48E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A48E
}
```

Border

The CSS property to change the border of an element to Hex 76A48E 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
#76A48E }
```

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

```
.border{ border-color:#76A48E }
```

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

Here you see how a box with a 4 pixel #76A48E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A48E; -webkit-box-shadow:4px 4px  
4px 4px #76A48E; box-shadow:4px 4px 4px  
4px #76A48E }
```

Background

The CSS property to change the background color of an element to Hex 76A48E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A48E }
```

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

```
.background{ background-color:#76A48E }
```

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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