

Converting Colors

Hex(76A88D)

Have a look what the booklet for
Hex(76A88D) contains.

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Color

Hex(76A88D)

Conversions

Conversions Part 1

Format	Color
Hex	76A88D
RGB	118, 168, 141
RGB Percent	46%, 66%, 55%
CMY	0.5373, 0.3412, 0.4471
CMYK	0.30, 0.00, 0.16, 0.34
HSL	148°, 22%, 56%
HSV	148°, 30%, 66%
XYZ	26.2816, 33.7799, 30.3343
YIQ	149.9720, -21.1330, -18.9970

Conversions

Conversions Part 2

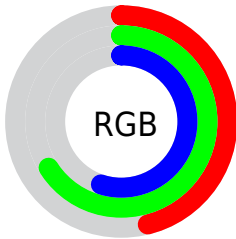
Format	Color
RYB	118, 152, 168
Decimal	7776397
CIELab	64.79, -22.48, 8.67
CIELCh	65, 24.092, 158.920
Yxy	33.7799, 0.2907, 0.3737
Android (android.graphics.Color)	4285966477 (0xFF76A88D)
YUV	149.9720, -4.4232, -28.0394
Hunter-Lab	58.1205, -20.9947, 9.7396

Details

The Hex color **76A88D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A87691**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ABDFC3**, and **44745B** is the 20% darker color. If you saturate the color by 10%, you get **65A884**, and if you desaturate by 10%, it is **87A896**.

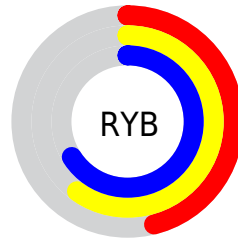
Distribution



Red (46%)

Green (66%)

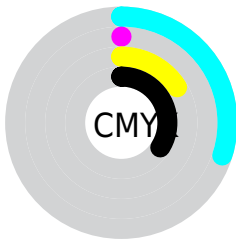
Blue (55%)



Red (46%)

Yellow (60%)

Blue (66%)

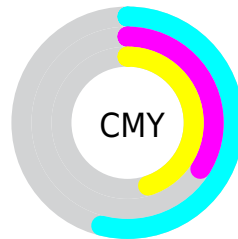


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A88D 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 76A88D by changing the saturation by 10% instead.

 76A88D

 76A88D

FFFFFF

 5C8D73

 ABDFC3

 44745B

 C7FCDF

 2B5B43

 E3FFFB

 12432D

 002C18

 001900

 000000

 76A88D

 76A88D

 65A884

 87A896

 54A87B

 98A89F

 44A872


 A8A8A8

 33A869

 B9A8B1

 22A860

 CAA8BA

 11A857

 DBA8C3

 00A84D

 ECA8CD

 FCA8D6

 FFA8DF

Harmonies

Analogous

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



8EA47B



76A88D



63A9A3

Triad

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



76A88D



8C9DC7



C79083

Complementary

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



76A88D



A87691

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.



C88D97



76A88D



A995BF

Square

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



76A88D



6FA4C5



BE8FAD



BA9776

Rectangle

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



76A88D



5DA9B1



BE8FAD



C88F89

Sweetspot

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



76A88D



C8DBD1



92A876



626E67



EDEDED



6E6E6E

Same Dimension

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



76A88D



8CDBB1



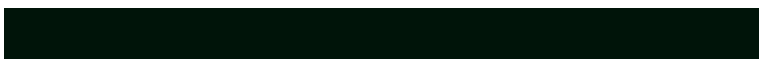
76A8A5



4C5450



009444



001409

Inverse Universe

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



A87691



DB8CB7



A87678



544C50



940050



14000B

Previews

White Background



This preview shows how the Hex color 76A88D looks on a white background.

Color Contrast Check

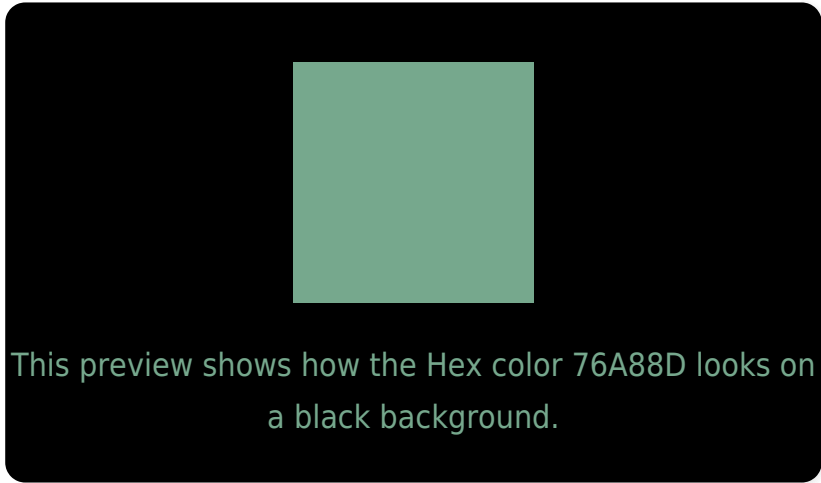
Large Text (above 18pt) WCAG AA × Fail

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 76A88D Background



This preview shows how black text looks on a background with the Hex color 76A88D.

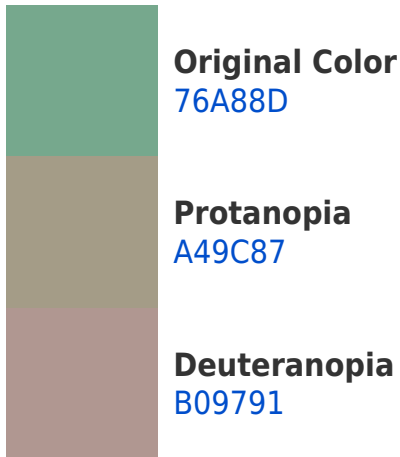


This preview shows how white text looks on a background with the Hex color 76A88D.

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



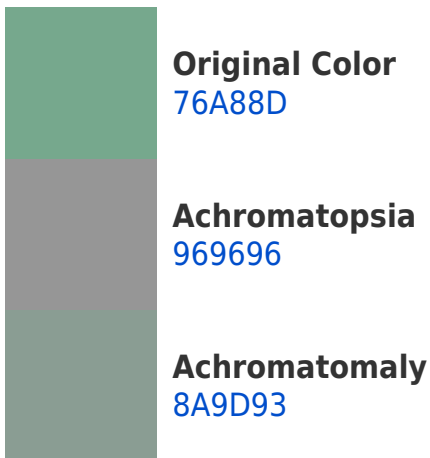


Tritanopia
7DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A88D 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 #76A88D looks like.

```
.text, #text, p{  
    color:#76A88D  
}
```

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 #76A88D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A88D
}
```

Border

The CSS property to change the border of an element to Hex 76A88D 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
#76A88D }
```

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

```
.border{ border-color:#76A88D }
```

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

Here you see how a box with a 4 pixel #76A88D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A88D; -webkit-box-shadow:4px 4px  
4px 4px #76A88D; box-shadow:4px 4px 4px  
4px #76A88D }
```

Background

The CSS property to change the background color of an element to Hex 76A88D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A88D }
```

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

```
.background{ background-color:#76A88D }
```

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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