

# Converting Colors

Hex(76A18D)

Have a look what the booklet for  
Hex(76A18D) contains.

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# **Color**

**Hex(76A18D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A18D
RGB	118, 161, 141
RGB Percent	46%, 63%, 55%
CMY	0.5373, 0.3686, 0.4471
CMYK	0.27, 0.00, 0.12, 0.37
HSL	152°, 19%, 55%
HSV	152°, 27%, 63%
XYZ	25.0238, 31.2644, 29.9150
YIQ	145.8630, -19.2080, -15.3360

# Conversions

## Conversions Part 2

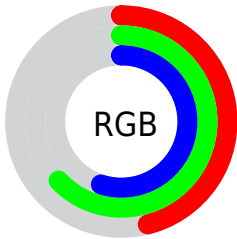
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 146, 161
Decimal	7774605
CIELab	62.73, -18.89, 5.72
CIELCh	63, 19.741, 163.148
Yxy	31.2644, 0.2903, 0.3627
Android (android.graphics.Color)	4285964685 (0xFF76A18D)
YUV	145.8630, -2.3975, -24.4359
Hunter-Lab	55.9146, -17.9652, 7.4192

# Details

The Hex color **76A18D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1768A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ABD8C3**, and **446D5B** is the 20% darker color. If you saturate the color by 10%, you get **66A186**, and if you desaturate by 10%, it is **86A194**.

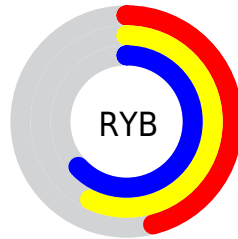
# Distribution



Red (46%)

Green (63%)

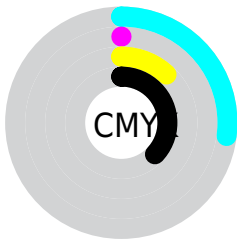
Blue (55%)



Red (46%)

Yellow (57%)

Blue (63%)

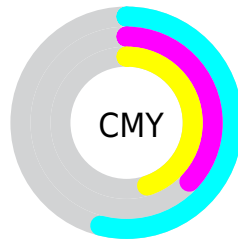


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (54%)

Magenta (37%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A18D 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 76A18D by changing the saturation by 10% instead.



 76A18D

 76A18D

FFFFFF

 5D8773

 ABD8C3

 446D5B

 C7F4DE

 2C5543

 E3FFFB

 153D2D

 002719

 001100

 000000

 76A18D

 76A18D

 66A186

 86A194

■ 56A17E

■ 96A19C

■ 46A177

■ A6A1A3

■ 36A16F

■ B6A1AB

■ 26A168

■ C7A1B2

■ 15A160

■ D7A1BA

■ 05A159

■ E7A1C1

■ 00A156

■ F7A1C9

■ FFA1D0

# Harmonies

## Analogous

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



899E7E



76A18D



69A29F

# Triad

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



76A18D



8E97BA



B98E81

# Complementary

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



76A18D



A1768A

# 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.



BC8B91



76A18D



A491B1

# Square

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



76A18D



779CB9



B58CA2



AE9377

# Rectangle

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



76A18D



67A1AA



B58CA2



BB8D85



# Sweetspot

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



76A18D



C0D1C9



8AA176



5E6964



E8E8E8



696969



# Same Dimension

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



76A18D



8ED1B2



76A0A1



49524E



00914E



00120A



# Inverse Universe

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



A1768A



D18EAD



A17776



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color 76A18D looks on a white background.

## Color Contrast Check

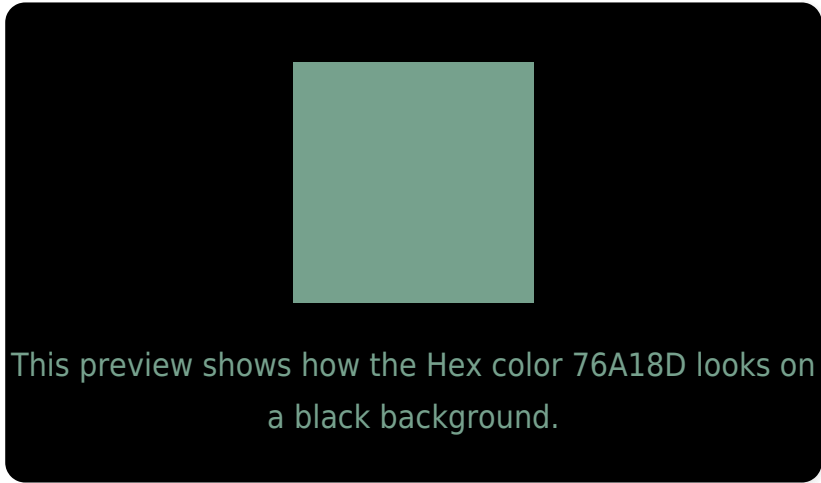
Large Text (above 18pt) WCAG AA × Fail

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

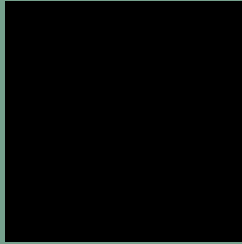
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76A18D Background



This preview shows how black text looks on a background with the Hex color 76A18D.

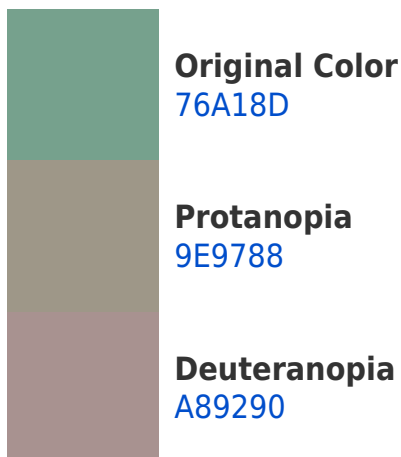


This preview shows how white text looks on a background with the Hex color 76A18D.

# 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](#).

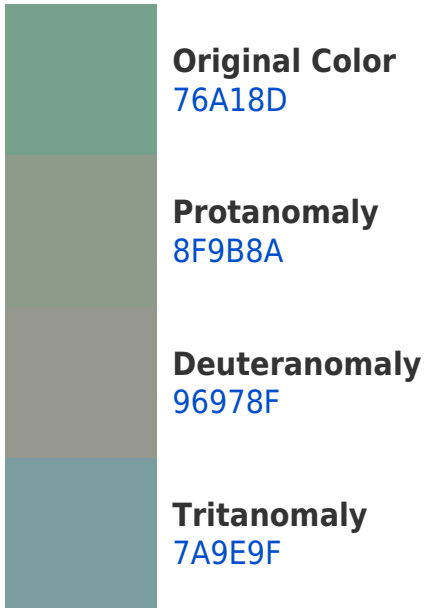
## Dichromacy



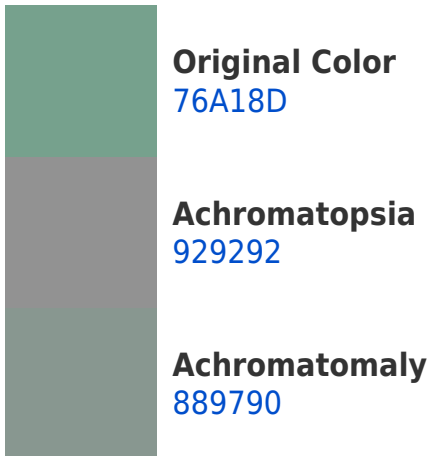


**Tritanopia**  
7C9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A18D 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 #76A18D looks like.

```
.text, #text, p{  
    color:#76A18D  
}
```

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 #76A18D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A18D
}
```

## Border

The CSS property to change the border of an element to Hex 76A18D 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
#76A18D }
```

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

```
.border{ border-color:#76A18D }
```

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

Here you see how a box with a 4 pixel #76A18D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A18D; -webkit-box-shadow:4px 4px  
4px 4px #76A18D; box-shadow:4px 4px 4px  
4px #76A18D }
```

# Background

The CSS property to change the background color of an element to Hex 76A18D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A18D }
```

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

```
.background{ background-color:#76A18D }
```

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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