

# Converting Colors

Hex(76A89D)

Have a look what the booklet for  
Hex(76A89D) contains.

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# **Color**

**Hex(76A89D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A89D
RGB	118, 168, 157
RGB Percent	46%, 66%, 62%
CMY	0.5373, 0.3412, 0.3843
CMYK	0.30, 0.00, 0.07, 0.34
HSL	167°, 22%, 56%
HSV	167°, 30%, 66%
XYZ	27.5596, 34.2911, 37.0646
YIQ	151.7960, -26.2690, -14.0210

# Conversions

## Conversions Part 2

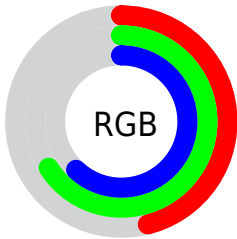
Format	Color
<a href="#">RYB</a>	<a href="#">118, 146, 168</a>
Decimal	<a href="#">7776413</a>
CIELab	<a href="#">65.19, -19.03, 0.34</a>
CIELCh	<a href="#">65, 19.034, 178.972</a>
Yxy	<a href="#">34.2911, 0.2786, 0.3467</a>
Android (android.graphics.Color)	<a href="#">4285966493 (0xFF76A89D)</a>
YUV	<a href="#">151.7960, 2.5656, -29.6391</a>
Hunter-Lab	<a href="#">58.5586, -18.4696, 3.4635</a>

# Details

The Hex color **76A89D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A87681**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ABDFD3**, and **43746A** is the 20% darker color. If you saturate the color by 10%, you get **65A899**, and if you desaturate by 10%, it is **87A8A1**.

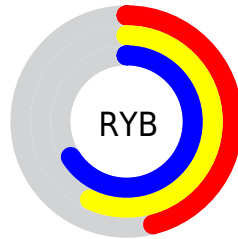
# Distribution



Red (46%)

Green (66%)

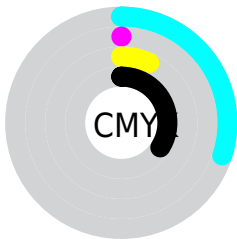
Blue (62%)



Red (46%)

Yellow (57%)

Blue (66%)

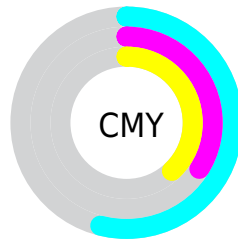


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A89D 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 76A89D by changing the saturation by 10% instead.



 76A89D

 76A89D

FFFFFF

 5C8D83

 ABDFD3

 43746A

 C7FCF0

 2B5B52

 E4FFFF

 10433B

 002D25

 001A10

 000000

 76A89D

 76A89D

 65A899

 87A8A1

■ 54A896

■ 98A8A4

■ 44A892

■ A8A8A8

■ 33A88E

■ B9A8AC

■ 22A88B

■ CAA8AF

■ 11A887

■ DBA8B3

■ 00A883

■ ECA8B7

■ FCA8BB

■ FFA8BE

# Harmonies

## Analogous

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



86A68C



76A89D



6FA8AE

# Triad

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



76A89D



A09ABC



BA9782

# Complementary

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



76A89D



A87681

# 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.



C1938F



76A89D



B495B0

# Square

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



76A89D



8AA0C0



BF929F



AC9D7C

# Rectangle

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



76A89D



73A6B7



BF929F



BD9685



# Sweetspot

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



76A89D



C8DBD7



82A876



626E6B



EDEDED



6E6E6E



# Same Dimension

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



76A89D



8CDBCA



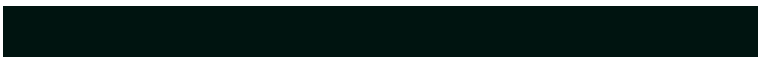
769BA8



4C5452



009473



001410



# Inverse Universe

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



A87681



DB8C9E



A88376



544C4E



940021

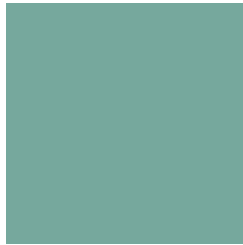


140004



# Previews

## White Background



This preview shows how the Hex color 76A89D looks on a white background.

## Color Contrast Check

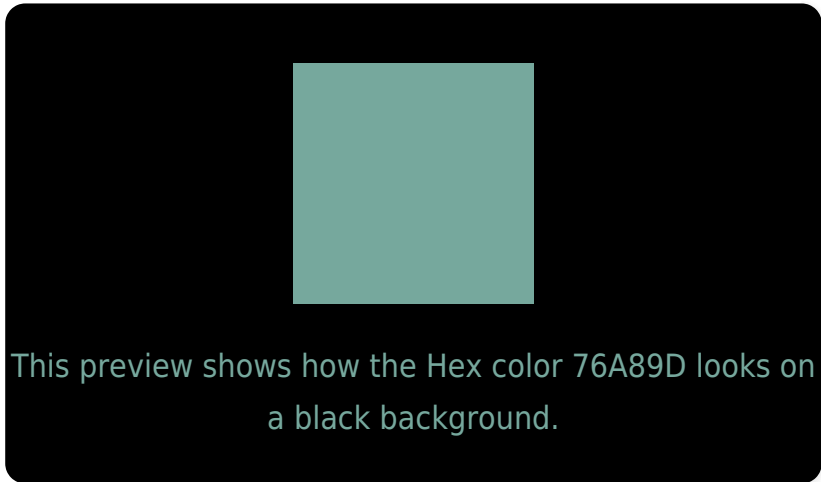
Large Text (above 18pt) WCAG AA × Fail

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

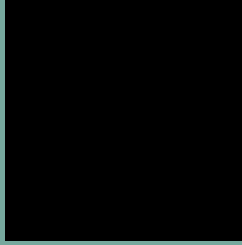
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

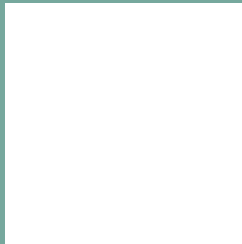
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76A89D Background



This preview shows how black text looks on a background with the Hex color 76A89D.

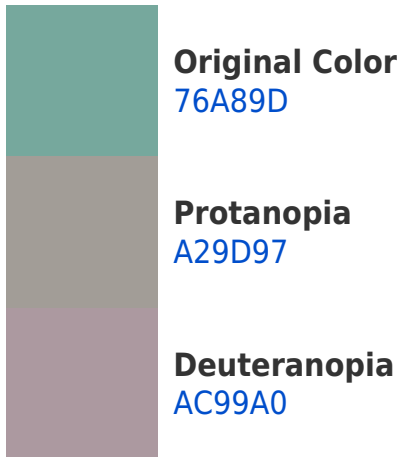


This preview shows how white text looks on a background with the Hex color 76A89D.

# 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](#).

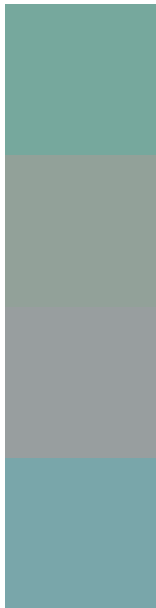
## Dichromacy





**Tritanopia**  
7BA5B2

# Trichromacy



**Original Color**  
76A89D

**Protanomaly**  
92A199

**Deuteranomaly**  
989E9F

**Tritanomaly**  
79A6AA

# Monochromacy



**Original Color**  
76A89D

**Achromatopsia**  
989898

**Achromatomaly**  
8C9E9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A89D 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 #76A89D looks like.

```
.text, #text, p{  
    color:#76A89D  
}
```

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 #76A89D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A89D
}
```

## Border

The CSS property to change the border of an element to Hex 76A89D 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
#76A89D }
```

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

```
.border{ border-color:#76A89D }
```

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

Here you see how a box with a 4 pixel #76A89D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A89D; -webkit-box-shadow:4px 4px  
4px 4px #76A89D; box-shadow:4px 4px 4px  
4px #76A89D }
```

# Background

The CSS property to change the background color of an element to Hex 76A89D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A89D }
```

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

```
.background{ background-color:#76A89D }
```

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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