

# Converting Colors

Hex(76B894)

Have a look what the booklet for  
Hex(76B894) contains.

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**Color**

**Hex(76B894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B894
RGB	118, 184, 148
RGB Percent	46%, 72%, 58%
CMY	0.5373, 0.2784, 0.4196
CMYK	0.36, 0.00, 0.20, 0.28
HSL	147°, 32%, 59%
HSV	147°, 36%, 72%
XYZ	29.9570, 40.2706, 34.2111
YIQ	160.1620, -27.7800, -25.1880

# Conversions

## Conversions Part 2

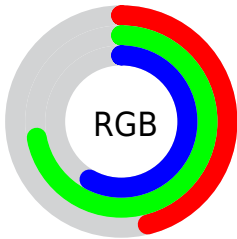
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 163, 184
Decimal	7780500
CIELab	69.66, -28.96, 11.73
CIELCh	70, 31.246, 157.958
Yxy	40.2706, 0.2868, 0.3856
Android (android.graphics.Color)	4285970580 (0xFF76B894)
YUV	160.1620, -5.9959, -36.9761
Hunter-Lab	63.4592, -26.7895, 12.4579

# Details

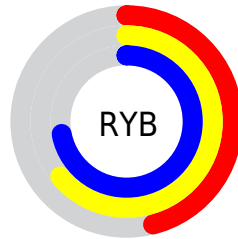
The Hex color **76B894** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B8769A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ACF0CA**, and **428361** is the 20% darker color. If you saturate the color by 10%, you get **64B88A**, and if you desaturate by 10%, it is **88B89E**.

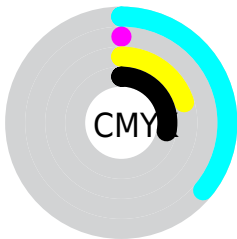
# Distribution



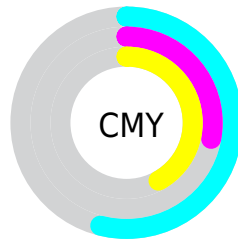
- Red (46%)
- Green (72%)
- Blue (58%)



- Red (46%)
- Yellow (64%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B894 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 76B894 by changing the saturation by 10% instead.





76B894



76B894

FFFFFF



5C9D7A



ACF0CA



428361



C8FFE6



286949



E5FFFF



085133



00391D



002405



000000



76B894



76B894



64B88A



88B89E

 51B880

 9BB8A8

 3FB876

 ADB8B2

 2CB86C

 C0B8BC

 1AB862

 D2B8C6

 08B858

 E4B8D0

 00B854

 F7B8DA

 FFB8E4

 FFB8EE

# Harmonies

## Analogous

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



97B37D



76B894



58BAB1

# Triad

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



76B894



90AAE2



E09989

# Complementary

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



76B894



B8769A

# 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.



E295A4



76B894



B8A0D7

# Square

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



76B894



66B3DE



D498C0



D0A176

# Rectangle

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



76B894



4CB9C4



D498C0



E29791

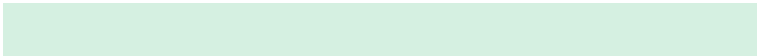


# Sweetspot

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



76B894



D5F0E1



9AB876



68786F



F7F7F7



787878



# Same Dimension

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



76B894



89F0B7



76B8B5



535C57



009C47



001C0D



# Inverse Universe

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



B8769A



F089C1



B87679



5C5358



9C0055



1C000F



# Previews

## White Background



This preview shows how the Hex color 76B894 looks on a white background.

## Color Contrast Check

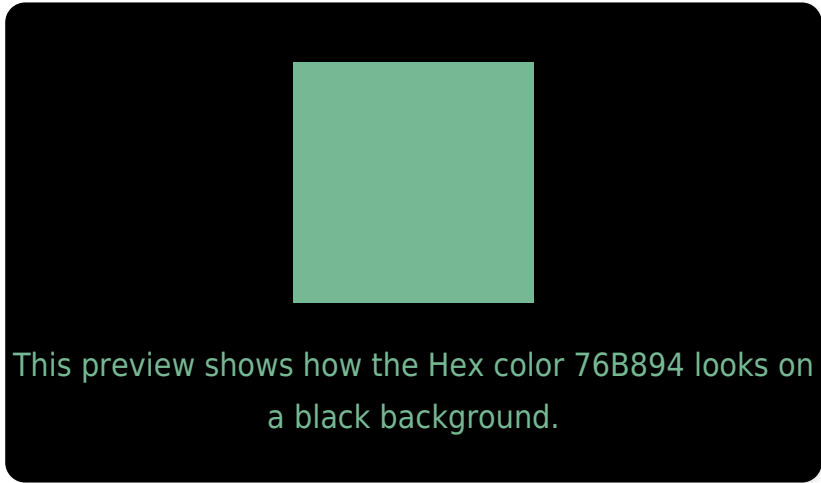
Large Text (above 18pt) WCAG AA × Fail

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

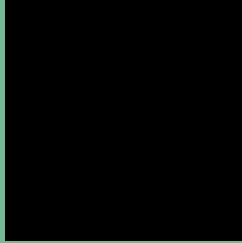
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B894 Background



This preview shows how black text looks on a background with the Hex color 76B894.



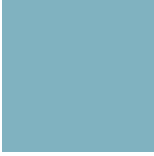
This preview shows how white text looks on a background with the Hex color 76B894.

# 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](#).

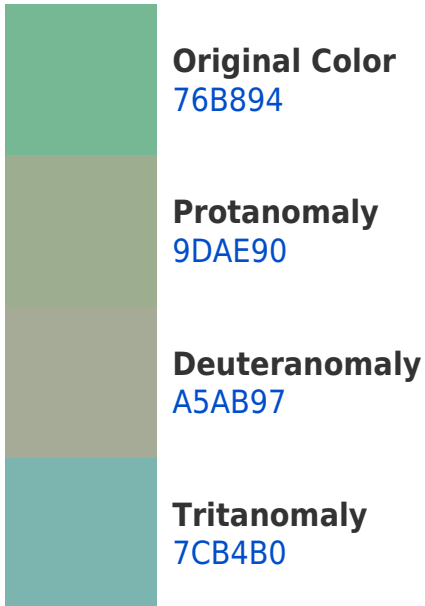
## Dichromacy





**Tritanopia**  
80B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B894 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 #76B894 looks like.

```
.text, #text, p{  
    color:#76B894  
}
```

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 #76B894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B894
}
```

## Border

The CSS property to change the border of an element to Hex 76B894 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
#76B894 }
```

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

```
.border{ border-color:#76B894 }
```

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

Here you see how a box with a 4 pixel #76B894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B894; -webkit-box-shadow:4px 4px  
4px 4px #76B894; box-shadow:4px 4px 4px  
4px #76B894 }
```

# Background

The CSS property to change the background color of an element to Hex 76B894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B894 }
```

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

```
.background{ background-color:#76B894 }
```

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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