

# Converting Colors

Hex(76B9AC)

Have a look what the booklet for  
Hex(76B9AC) contains.

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**Color**

**Hex(76B9AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B9AC
RGB	118, 185, 172
RGB Percent	46%, 73%, 67%
CMY	0.5373, 0.2745, 0.3255
CMYK	0.36, 0.00, 0.07, 0.27
HSL	168°, 32%, 59%
HSV	168°, 36%, 73%
XYZ	32.2666, 41.5280, 45.3448
YIQ	163.4850, -35.7590, -18.2470

# Conversions

## Conversions Part 2

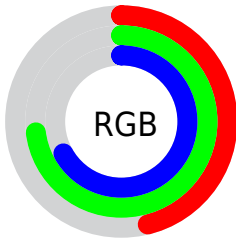
Format	Color
<a href="#">RYB</a>	<a href="#">118, 155, 185</a>
Decimal	<a href="#">7780780</a>
CIELab	<a href="#">70.54, -24.24, -0.14</a>
CIELCh	<a href="#">71, 24.238, 180.332</a>
Yxy	<a href="#">41.5280, 0.2708, 0.3486</a>
Android (android.graphics.Color)	<a href="#">4285970860 (0xFF76B9AC)</a>
YUV	<a href="#">163.4850, 4.1979, -39.8903</a>
Hunter-Lab	<a href="#">64.4422, -23.3981, 3.3901</a>

# Details

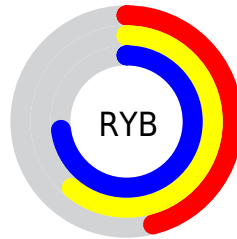
The Hex color **76B9AC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B97683**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ADF1E3**, and **418478** is the 20% darker color. If you saturate the color by 10%, you get **64B9A8**, and if you desaturate by 10%, it is **89B9B0**.

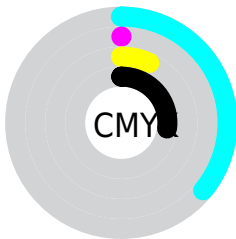
# Distribution



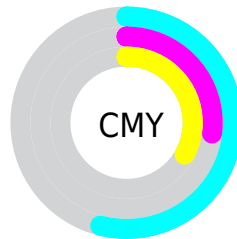
- Red (46%)
- Green (73%)
- Blue (67%)



- Red (46%)
- Yellow (61%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B9AC 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 76B9AC by changing the saturation by 10% instead.



 76B9AC

 76B9AC

FFFFFF

 5B9E91

 ADF1E3

 418478

 C9FFFF

 266A5F

 E5FFFF

 025247

 003A31

 00241C

 000402

 000000

 76B9AC

 76B9AC

 64B9A8

 89B9B0

 51B9A5

 9BB9B3

 3FB9A1

 AEB9B7

 2CB99E

 C0B9BA

 1AB99A

 D3B9BE

 07B996

 E5B9C2

 00B995

 F8B9C5

 FFB9C9

 FFB9CC

# Harmonies

## Analogous

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



8CB796



76B9AC



6DB8C2

# Triad

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



76B9AC



B0A7D3



CFA487

# Complementary

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



76B9AC



B97683

# 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.



D99E97



76B9AC



C9A0C3

# Square

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



76B9AC



92AED8



D79DAD



BDAB81

# Rectangle

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



76B9AC



72B6CE



D79DAD



D4A28C

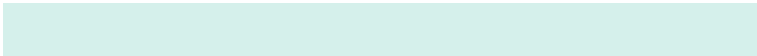


# Sweetspot

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



76B9AC



D5F0EB



83B976



687875



F7F7F7



787878



# Same Dimension

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



76B9AC



89F0DC



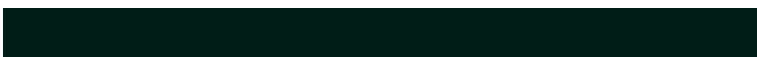
76A5B9



535C5A



009C7D



001C17



# Inverse Universe

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



B97683



F0899D



B98A76



5C5354



9C001E

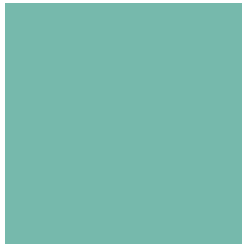


1C0005



# Previews

## White Background



This preview shows how the Hex color 76B9AC looks on a white background.

## Color Contrast Check

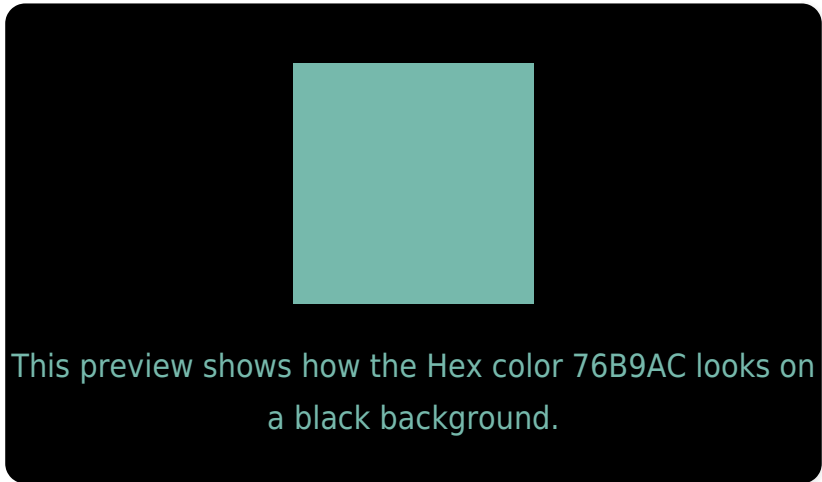
Large Text (above 18pt) WCAG AA × Fail

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

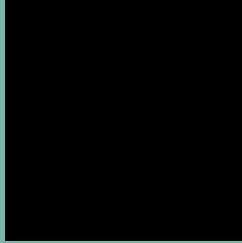
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

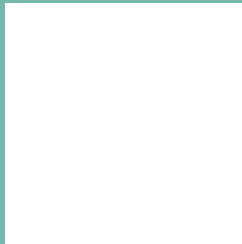
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76B9AC Background



This preview shows how black text looks on a background with the Hex color 76B9AC.

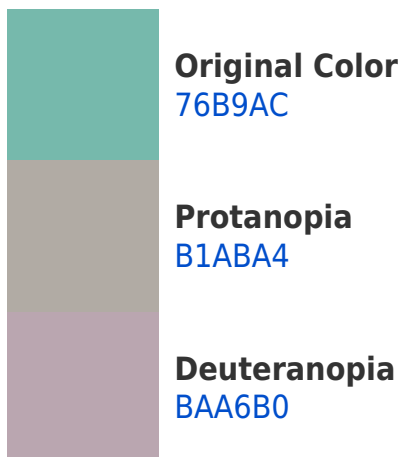


This preview shows how white text looks on a background with the Hex color 76B9AC.

# 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](#).

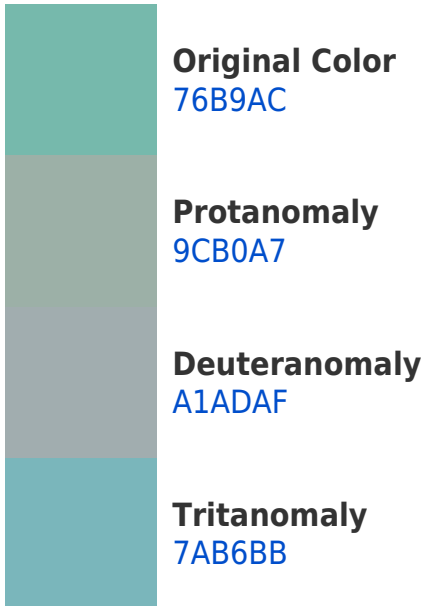
## Dichromacy



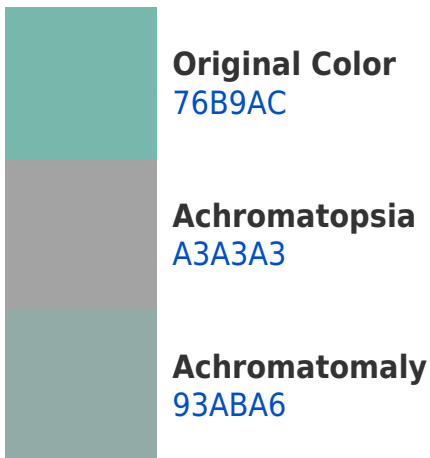


**Tritanopia**  
7CB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B9AC 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 #76B9AC looks like.

```
.text, #text, p{  
    color:#76B9AC  
}
```

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 #76B9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B9AC
}
```

## Border

The CSS property to change the border of an element to Hex 76B9AC 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
#76B9AC }
```

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

```
.border{ border-color:#76B9AC }
```

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

Here you see how a box with a 4 pixel #76B9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B9AC; -webkit-box-shadow:4px 4px  
4px 4px #76B9AC; box-shadow:4px 4px 4px  
4px #76B9AC }
```

# Background

The CSS property to change the background color of an element to Hex 76B9AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B9AC }
```

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

```
.background{ background-color:#76B9AC }
```

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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