

# Converting Colors

Hex(76C9B1)

Have a look what the booklet for  
Hex(76C9B1) contains.

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# **Color**

**Hex(76C9B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C9B1
RGB	118, 201, 177
RGB Percent	46%, 79%, 69%
CMY	0.5373, 0.2118, 0.3059
CMYK	0.41, 0.00, 0.12, 0.21
HSL	163°, 43%, 63%
HSV	163°, 41%, 79%
XYZ	36.2937, 48.7992, 49.1013
YIQ	173.4470, -41.7640, -25.0600

# Conversions

## Conversions Part 2

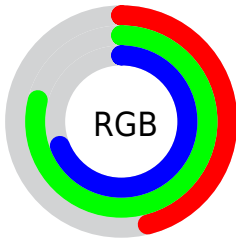
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 167, 201
Decimal	7784881
CIELab	75.33, -30.90, 4.09
CIElCh	75, 31.172, 172.463
Yxy	48.7992, 0.2705, 0.3636
Android (android.graphics.Color)	4285974961 (0xFF76C9B1)
YUV	173.4470, 1.7516, -48.6270
Hunter-Lab	69.8564, -29.5096, 7.2252

# Details

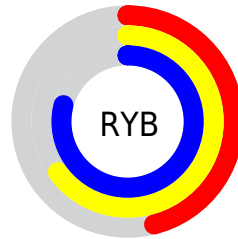
The Hex color **76C9B1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C9768E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **AEFFE9**, and **3F937C** is the 20% darker color. If you saturate the color by 10%, you get **62C9AB**, and if you desaturate by 10%, it is **8AC9B7**.

# Distribution



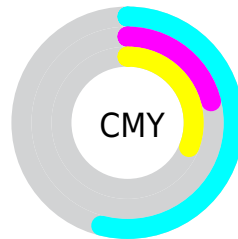
- Red (46%)
- Green (79%)
- Blue (69%)



- Red (46%)
- Yellow (65%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (54%)
- Magenta (21%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76C9B1 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 76C9B1 by changing the saturation by 10% instead.



 76C9B1

 76C9B1

FFFFFF

 5BAD96

 AEFEE9

 3F937C

 CAFFFF

 217864

 E7FFFF

 005F4C

 004735

 003020

 001B08

 000000

 76C9B1

 76C9B1

 62C9AB

 8AC9B7

 4EC9A5

 9EC9BD

 3AC9A0

 B2C9C2

 26C99A

 C6C9C8

 12C994

 DBC9CE

 00C98F

 EFC9D4

 FFC9DA

 FFC9DF

 FFC9E5

# Harmonies

## Analogous

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



96C596



76C9B1



60C9CE

# Triad

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



76C9B1



B4B5EE



EAAC8D

# Complementary

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



76C9B1



C9768E

# 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.



F3A5A5



76C9B1



D7ABDD

# Square

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



76C9B1



8ABEF2



EDA5C2



D5B581

# Rectangle

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



76C9B1



61C7DF



EDA5C2



EFA994

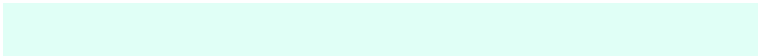


# Sweetspot

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



76C9B1



E0FFF6



8FC976



6E807A



000000



808080



# Same Dimension

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



76C9B1



80FFDA



76B8C9



5A6361



00A374



002419



# Inverse Universe

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



C9768E



FF80A4



C98776



635A5C



A3002F



24000A



# Previews

## White Background



This preview shows how the Hex color 76C9B1 looks on a white background.

## Color Contrast Check

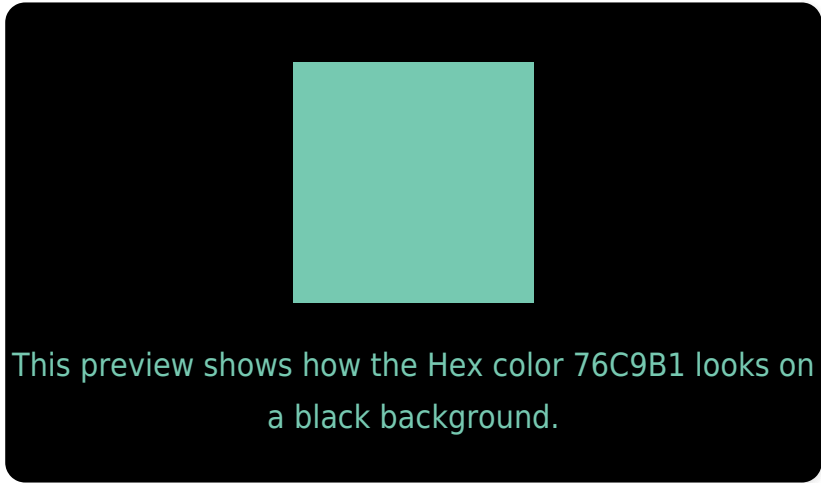
Large Text (above 18pt) WCAG AA × Fail

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

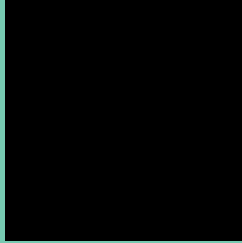
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

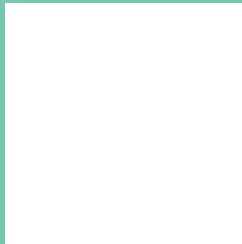
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76C9B1 Background



This preview shows how black text looks on a background with the Hex color 76C9B1.



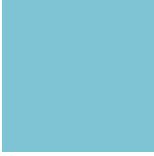
This preview shows how white text looks on a background with the Hex color 76C9B1.

# 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**  
7FC4D4

# Trichromacy



**Original Color**  
76C9B1



**Protanomaly**  
A5BEAB



**Deuteranomaly**  
ACBBB4



**Tritanomaly**  
7CC6C7

# Monochromacy



**Original Color**  
76C9B1



**Achromatopsia**  
ADADAD



**Achromatomaly**  
99B7AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76C9B1 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 #76C9B1 looks like.

```
.text, #text, p{  
    color:#76C9B1  
}
```

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 #76C9B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C9B1
}
```

## Border

The CSS property to change the border of an element to Hex 76C9B1 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
#76C9B1 }
```

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

```
.border{ border-color:#76C9B1 }
```

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

Here you see how a box with a 4 pixel #76C9B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C9B1; -webkit-box-shadow:4px 4px  
4px 4px #76C9B1; box-shadow:4px 4px 4px  
4px #76C9B1 }
```

# Background

The CSS property to change the background color of an element to Hex 76C9B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C9B1 }
```

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

```
.background{ background-color:#76C9B1 }
```

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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