

# Converting Colors

Hex(77B0A1)

Have a look what the booklet for  
Hex(77B0A1) contains.

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**Color**

**Hex(77B0A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77B0A1
RGB	119, 176, 161
RGB Percent	47%, 69%, 63%
CMY	0.5333, 0.3098, 0.3686
CMYK	0.32, 0.00, 0.09, 0.31
HSL	164°, 27%, 58%
HSV	164°, 32%, 69%
XYZ	29.5661, 37.5458, 39.4070
YIQ	157.2470, -29.1570, -16.7490

# Conversions

## Conversions Part 2

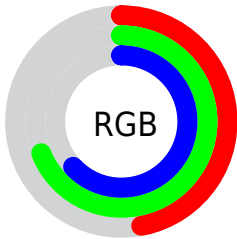
Format	Color
<a href="#">RYB</a>	<a href="#">119, 152, 176</a>
Decimal	<a href="#">7844001</a>
CIELab	<a href="#">67.68, -21.93, 1.76</a>
CIElCh	<a href="#">68, 21.996, 175.423</a>
Yxy	<a href="#">37.5458, 0.2776, 0.3525</a>
Android (android.graphics.Color)	<a href="#">4286034081 (0xFF77B0A1)</a>
YUV	<a href="#">157.2470, 1.8502, -33.5426</a>
Hunter-Lab	<a href="#">61.2746, -21.1012, 4.7616</a>

# Details

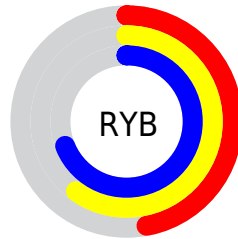
The Hex color **77B0A1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B07786**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ADE8D8**, and **447B6E** is the 20% darker color. If you saturate the color by 10%, you get **65B09C**, and if you desaturate by 10%, it is **89B0A6**.

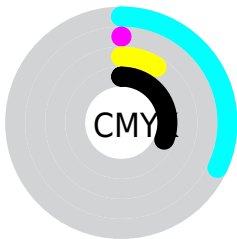
# Distribution



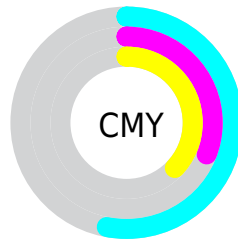
- Red (47%)
- Green (69%)
- Blue (63%)



- Red (47%)
- Yellow (60%)
- Blue (69%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77B0A1 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 77B0A1 by changing the saturation by 10% instead.





77B0A1



77B0A1

FFFFFF



5D9587



ADE8D8



447B6E



C9FFF4



2A6255



E5FFFF



0E4A3E



003328



001F14



000000



77B0A1



77B0A1



65B09C



89B0A6

 54B098

 9AB0AA

 42B093

 ACB0AF

 31B08E

 BDB0B4

 1FB08A

 CFB0B8

 0DB085

 E1B0BD

 00B082

 F2B0C1

 FFB0C6

 FFB0CB

# Harmonies

## Analogous

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



8BAE8E



77B0A1



6DB0B5

# Triad

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



77B0A1



A4A1C9



C69C85

# Complementary

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



77B0A1



B07786

# 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.



CE9895



77B0A1



BC9BBC

# Square

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



77B0A1



89A8CC



CA97A9



B7A37E

# Rectangle

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



77B0A1



6FAEC0



CA97A9



CA9A89



# Sweetspot

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



77B0A1



CFE6DF



86B077



65736F



F2F2F2



737373



# Same Dimension

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



77B0A1



8CE6CE



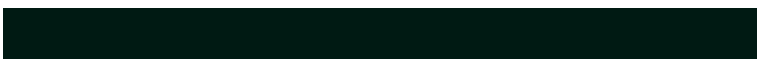
77A3B0



505957



009971



001A13



# Inverse Universe

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



B07786



E68CA4



B08477



595053



990028



1A0007



# Previews

## White Background



This preview shows how the Hex color 77B0A1 looks on a white background.

## Color Contrast Check

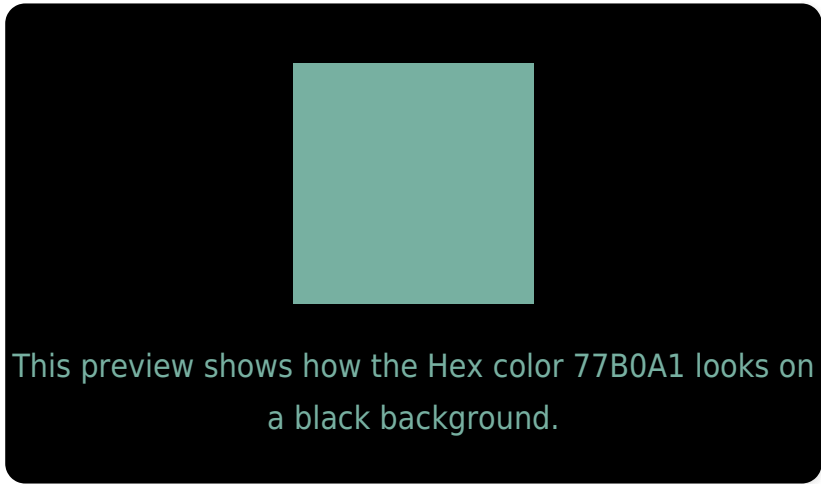
Large Text (above 18pt) WCAG AA × Fail

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

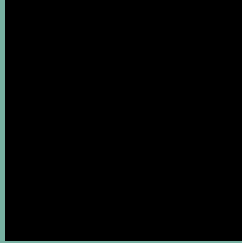
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77B0A1 Background



This preview shows how black text looks on a background with the Hex color 77B0A1.

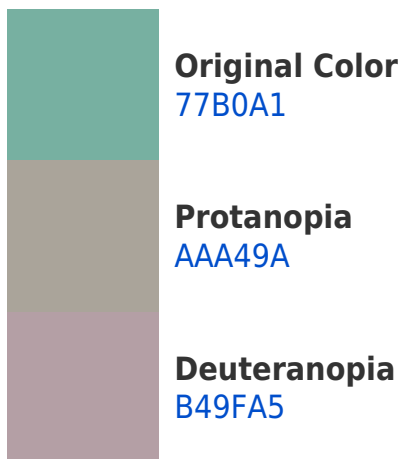


This preview shows how white text looks on a background with the Hex color 77B0A1.

# 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

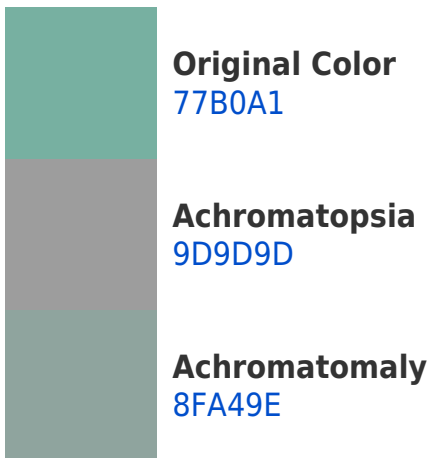




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77B0A1 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 #77B0A1 looks like.

```
.text, #text, p{  
    color:#77B0A1  
}
```

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 #77B0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B0A1
}
```

## Border

The CSS property to change the border of an element to Hex 77B0A1 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
#77B0A1 }
```

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

```
.border{ border-color:#77B0A1 }
```

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

Here you see how a box with a 4 pixel #77B0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B0A1; -webkit-box-shadow:4px 4px  
4px 4px #77B0A1; box-shadow:4px 4px 4px  
4px #77B0A1 }
```

# Background

The CSS property to change the background color of an element to Hex 77B0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B0A1 }
```

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

```
.background{ background-color:#77B0A1 }
```

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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