

# Converting Colors

Hex(74A7A0)

Have a look what the booklet for  
Hex(74A7A0) contains.

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**Color**

**Hex(74A7A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74A7A0
RGB	116, 167, 160
RGB Percent	45%, 65%, 63%
CMY	0.5451, 0.3451, 0.3725
CMYK	0.31, 0.00, 0.04, 0.35
HSL	172°, 22%, 55%
HSV	172°, 31%, 65%
XYZ	27.3663, 33.8885, 38.3565
YIQ	150.9530, -28.1490, -12.9890

# Conversions

## Conversions Part 2

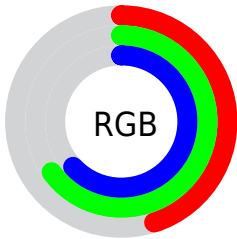
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 143, 167
Decimal	7645088
CIELab	64.87, -18.43, -1.81
CIElCh	65, 18.520, 185.616
Yxy	33.8885, 0.2747, 0.3402
Android (android.graphics.Color)	4285835168 (0xFF74A7A0)
YUV	150.9530, 4.4602, -30.6538
Hunter-Lab	58.2138, -17.9613, 1.6841

# Details

The Hex color **74A7A0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A7747B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AADED7**, and **41736D** is the 20% darker color. If you saturate the color by 10%, you get **63A79E**, and if you desaturate by 10%, it is **85A7A2**.

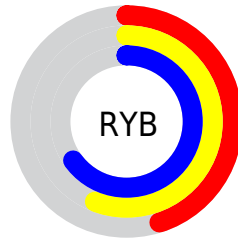
# Distribution



Red (45%)

Green (65%)

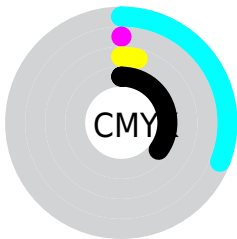
Blue (63%)



Red (45%)

Yellow (56%)

Blue (65%)

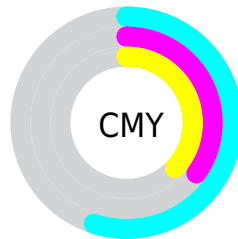


Cyan (31%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74A7A0 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 74A7A0 by changing the saturation by 10% instead.



 74A7A0

 74A7A0

FFFFFF

 5A8D86

 AADED7

 41736D

 C5FBF3

 285A54

 E2FFFF

 0D423D

 002C28

 001913

 000000

 74A7A0

 74A7A0

 63A79E

 85A7A2

 53A79B

 95A7A5

 42A799

 A6A7A7

 31A797

 B7A7A9

 21A795

 C7A7AB

 10A792

 D8A7AE

 00A790

 E9A7B0

 FAA7B2

 FFA7B5

# Harmonies

## Analogous

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



82A68F



74A7A0



70A6B0

# Triad

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



74A7A0



A498B8



B69880

# Complementary

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



74A7A0



A7747B

# 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.



BF938B



74A7A0



B694AB

# Square

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



74A7A0



8E9EBE



BF929B



A79D7D

# Rectangle

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



74A7A0



76A4B8



BF929B



BA9683



# Sweetspot

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



74A7A0



C5D9D6



7CA774



626E6C



EDEDED



6E6E6E



# Same Dimension

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



74A7A0



89D9CE



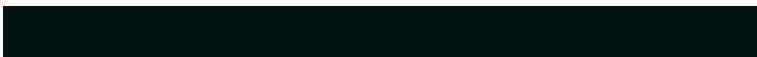
7495A7



4C5453



009480



001412



# Inverse Universe

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



A7747B



D98994



A78674



544C4D



940014



140003



# Previews

## White Background



This preview shows how the Hex color 74A7A0 looks on a white background.

## Color Contrast Check

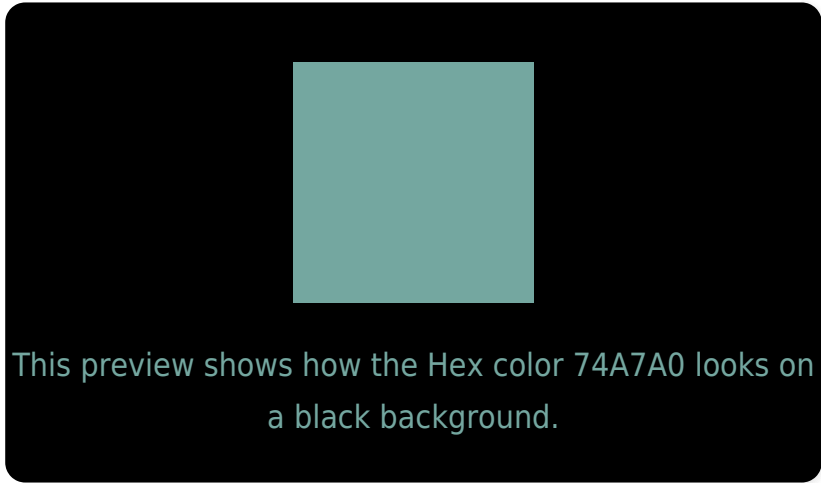
Large Text (above 18pt) WCAG AA × Fail

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

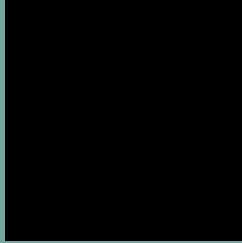
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

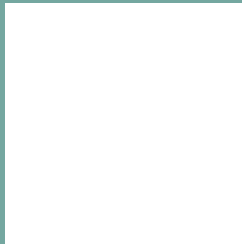
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74A7A0 Background



This preview shows how black text looks on a background with the Hex color 74A7A0.

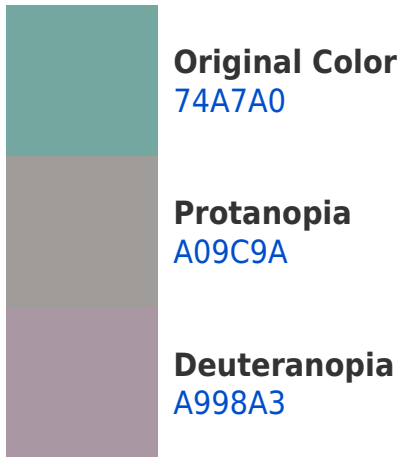


This preview shows how white text looks on a background with the Hex color 74A7A0.

# 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](#).

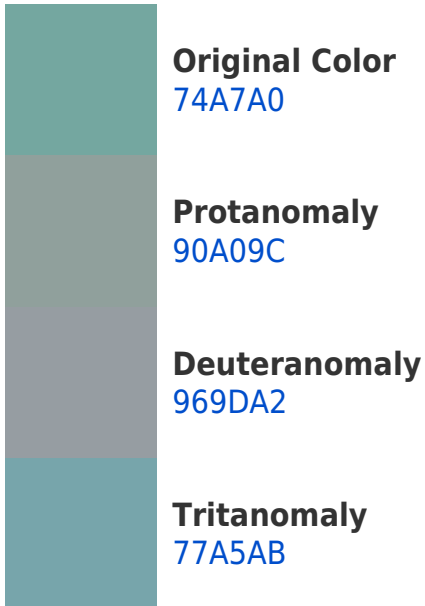
## Dichromacy





**Tritanopia**  
78A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74A7A0 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 #74A7A0 looks like.

```
.text, #text, p{  
    color:#74A7A0  
}
```

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 #74A7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A7A0
}
```

## Border

The CSS property to change the border of an element to Hex 74A7A0 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
#74A7A0 }
```

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

```
.border{ border-color:#74A7A0 }
```

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

Here you see how a box with a 4 pixel #74A7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A7A0; -webkit-box-shadow:4px 4px  
4px 4px #74A7A0; box-shadow:4px 4px 4px  
4px #74A7A0 }
```

# Background

The CSS property to change the background color of an element to Hex 74A7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A7A0 }
```

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

```
.background{ background-color:#74A7A0 }
```

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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