

# Converting Colors

Hex(70A18B)

Have a look what the booklet for  
Hex(70A18B) contains.

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# **Color**

**Hex(70A18B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70A18B
RGB	112, 161, 139
RGB Percent	44%, 63%, 55%
CMY	0.5608, 0.3686, 0.4549
CMYK	0.30, 0.00, 0.14, 0.37
HSL	153°, 21%, 54%
HSV	153°, 30%, 63%
XYZ	24.0872, 30.7986, 29.1013
YIQ	143.8410, -22.1420, -17.2300

# Conversions

## Conversions Part 2

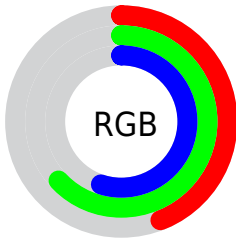
Format	Color
<a href="#">RYB</a>	<a href="#">112, 144, 161</a>
Decimal	<a href="#">7381387</a>
CIELab	<a href="#">62.34, -21.25, 6.24</a>
CIELCh	<a href="#">62, 22.145, 163.647</a>
Yxy	<a href="#">30.7986, 0.2868, 0.3667</a>
Android (android.graphics.Color)	<a href="#">4285571467 (0xFF70A18B)</a>
YUV	<a href="#">143.8410, -2.3866, -27.9246</a>
Hunter-Lab	<a href="#">55.4965, -19.6443, 7.7570</a>

# Details

The Hex color **70A18B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A17086**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5D8C0**, and **3E6D59** is the 20% darker color. If you saturate the color by 10%, you get **60A184**, and if you desaturate by 10%, it is **80A192**.

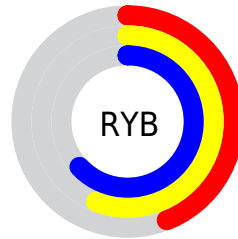
# Distribution



Red (44%)

Green (63%)

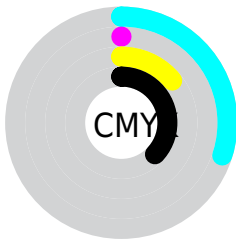
Blue (55%)



Red (44%)

Yellow (56%)

Blue (63%)

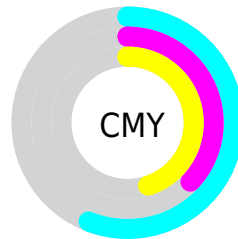


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A18B 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 70A18B by changing the saturation by 10% instead.





70A18B



70A18B

FFFFFF



578772



A5D8C0



3E6D59



C1F5DC



265542



DDFFF9



0C3D2C



FAFFFF



002717



000F00



000000



70A18B



70A18B



60A184



80A192

 50A17D

 90A199

 40A175

 A0A1A1

 30A16E

 B0A1A8

 1FA167

 C1A1AF

 0FA160

 D1A1B6

 00A159

 E1A1BE

 F1A1C5

 FFA1CC

# Harmonies

## Analogous

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



869E7A



70A18B



60A29F

# Triad

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



70A18B



8B95BD



BC8C7C

# Complementary

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



70A18B



A17086

# 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.



BF898E



70A18B



A58FB3

# Square

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



70A18B



719CBC



B78AA2



AF9271

# Rectangle

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



70A18B



5EA1AC



B78AA2



BE8A82



# Sweetspot

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



70A18B



BED1C9



86A170



5D6963



E8E8E8



696969



# Same Dimension

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



70A18B



84D1AE



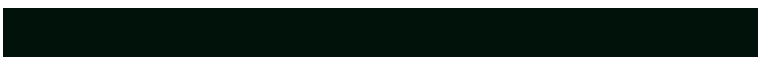
709FA1



49524E



009150



00120A



# Inverse Universe

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



A17086



D184A6



A17270



52494D



910041



120008



# Previews

## White Background



This preview shows how the Hex color 70A18B looks on a white background.

## Color Contrast Check

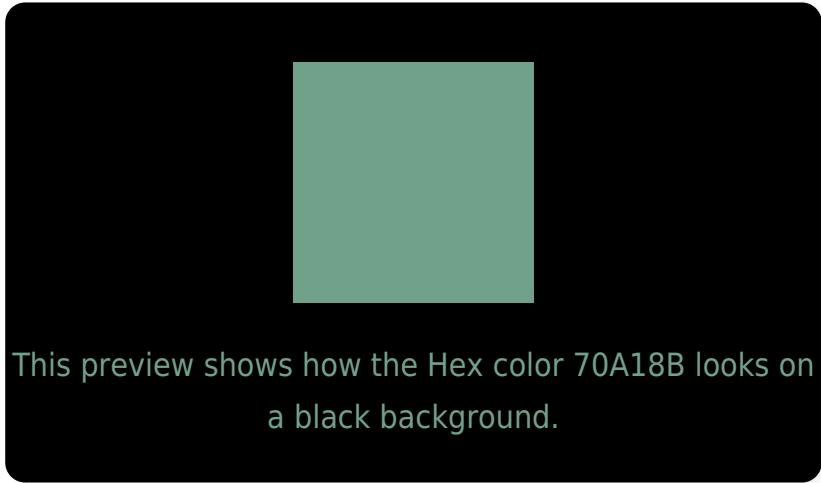
Large Text (above 18pt) WCAG AA × Fail

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

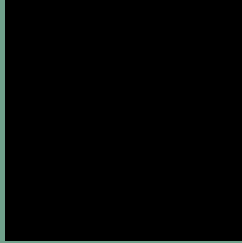
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70A18B Background



This preview shows how black text looks on a background with the Hex color 70A18B.



This preview shows how white text looks on a background with the Hex color 70A18B.

# 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](#).

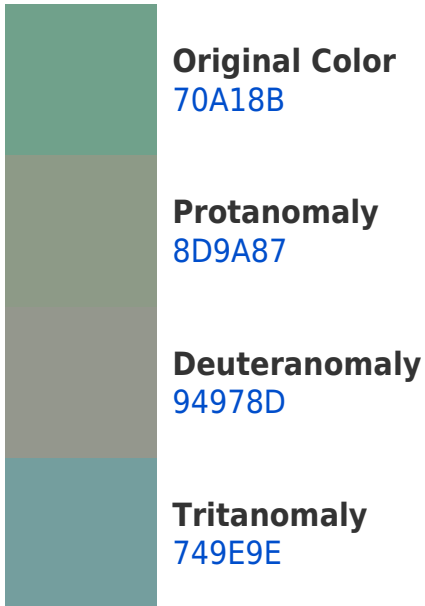
## Dichromacy



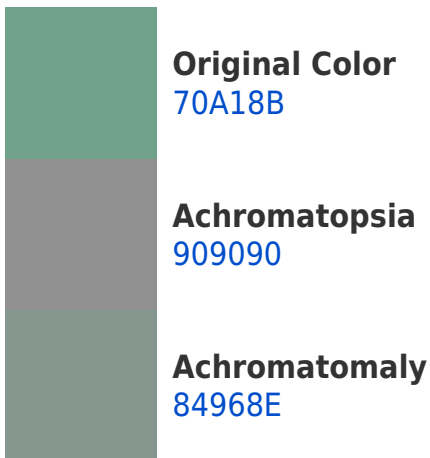


**Tritanopia**  
769DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A18B 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 #70A18B looks like.

```
.text, #text, p{  
    color:#70A18B  
}
```

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 #70A18B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A18B
}
```

## Border

The CSS property to change the border of an element to Hex 70A18B 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
#70A18B }
```

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

```
.border{ border-color:#70A18B }
```

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

Here you see how a box with a 4 pixel #70A18B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A18B; -webkit-box-shadow:4px 4px  
4px 4px #70A18B; box-shadow:4px 4px 4px  
4px #70A18B }
```

# Background

The CSS property to change the background color of an element to Hex 70A18B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A18B }
```

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

```
.background{ background-color:#70A18B }
```

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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