

# Converting Colors

Hex(70A18A)

Have a look what the booklet for  
Hex(70A18A) contains.

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**Color**

**Hex(70A18A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70A18A
RGB	112, 161, 138
RGB Percent	44%, 63%, 54%
CMY	0.5608, 0.3686, 0.4588
CMYK	0.30, 0.00, 0.14, 0.37
HSL	152°, 21%, 54%
HSV	152°, 30%, 63%
XYZ	24.0144, 30.7695, 28.7182
YIQ	143.7270, -21.8210, -17.5410

# Conversions

## Conversions Part 2

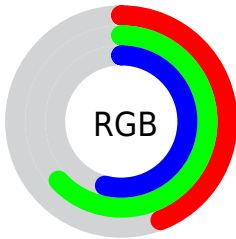
Format	Color
<a href="#">RYB</a>	<a href="#">112, 144, 161</a>
Decimal	<a href="#">7381386</a>
CIELab	<a href="#">62.31, -21.46, 6.76</a>
CIElCh	<a href="#">62, 22.501, 162.515</a>
Yxy	<a href="#">30.7695, 0.2876, 0.3685</a>
Android (android.graphics.Color)	<a href="#">4285571466 (0xFF70A18A)</a>
YUV	<a href="#">143.7270, -2.8234, -27.8246</a>
Hunter-Lab	<a href="#">55.4702, -19.7959, 8.1334</a>

# Details

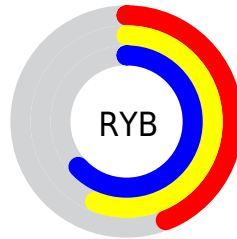
The Hex color **70A18A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A17087**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A5D8BF**, and **3E6D58** is the 20% darker color. If you saturate the color by 10%, you get **60A182**, and if you desaturate by 10%, it is **80A192**.

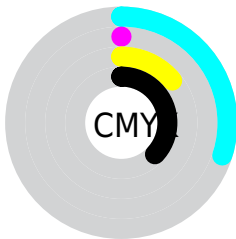
# Distribution



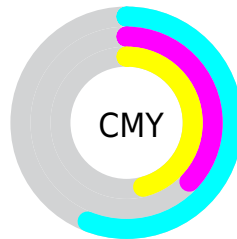
- Red (44%)
- Green (63%)
- Blue (54%)



- Red (44%)
- Yellow (56%)
- Blue (63%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (56%)
- Magenta (37%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A18A 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 70A18A by changing the saturation by 10% instead.



 70A18A

 70A18A

FFFFFF

 578771

 A5D8BF

 3E6D58

 C1F5DB

 265541

 DDFFF8

 0C3D2B

 FAFFFF

 002716

 000F00

 000000

 70A18A

 70A18A

 60A182

 80A192

 50A17B

 90A199

 40A173

 A0A1A1

 30A16C

 B0A1A8

 1FA164

 C1A1B0

 0FA15D

 D1A1B7

 00A155

 E1A1BF

 F1A1C6

 FFA1CE

# Harmonies

## Analogous

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



869E79



70A18A



5FA29F

# Triad

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



70A18A



8A96BD



BC8B7D

# Complementary

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



70A18A



A17087

# 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.



BF888F



70A18A



A48FB4

# Square

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



70A18A



6F9CBC



B78AA3



B09171

# Rectangle

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



70A18A



5CA1AB



B78AA3



BE8A82



# Sweetspot

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



70A18A



BED1C8



88A170



5D6963



E8E8E8



696969



# Same Dimension

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



70A18A



84D1AD



70A0A1



49524E



00914D



001209



# Inverse Universe

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



A17087



D184A8



A17170



52494D



910044



120008



# Previews

## White Background



This preview shows how the Hex color 70A18A looks on a white background.

## Color Contrast Check

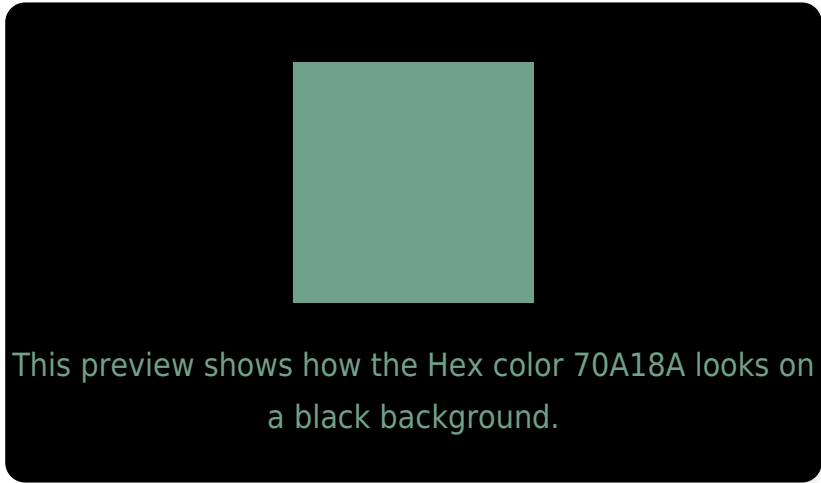
Large Text (above 18pt) WCAG AA × Fail

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

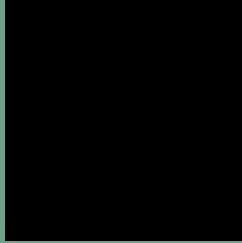
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

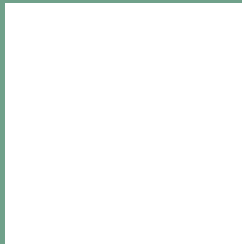
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70A18A Background



This preview shows how black text looks on a background with the Hex color 70A18A.



This preview shows how white text looks on a background with the Hex color 70A18A.

# 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](#).

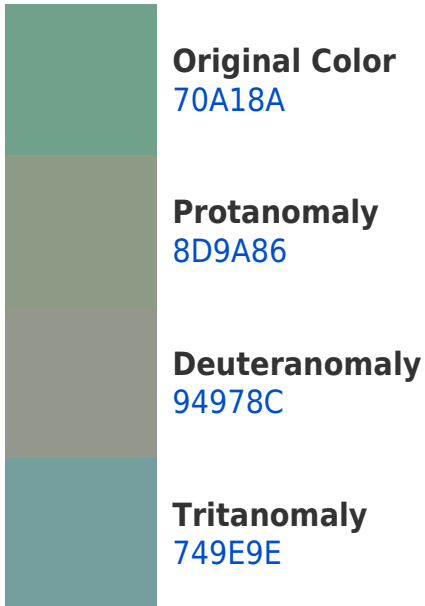
## Dichromacy



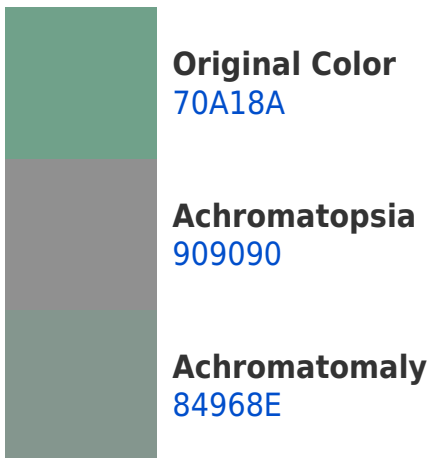


**Tritanopia**  
769DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A18A 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 #70A18A looks like.

```
.text, #text, p{  
    color:#70A18A  
}
```

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 #70A18A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A18A
}
```

## Border

The CSS property to change the border of an element to Hex 70A18A 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
#70A18A }
```

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

```
.border{ border-color:#70A18A }
```

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

Here you see how a box with a 4 pixel #70A18A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A18A; -webkit-box-shadow:4px 4px  
4px 4px #70A18A; box-shadow:4px 4px 4px  
4px #70A18A }
```

# Background

The CSS property to change the background color of an element to Hex 70A18A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A18A }
```

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

```
.background{ background-color:#70A18A }
```

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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