

# Converting Colors

Hex(7AB38C)

Have a look what the booklet for  
Hex(7AB38C) contains.

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# **Color**

**Hex(7AB38C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7AB38C                       |
| RGB         | 122, 179, 140                |
| RGB Percent | 48%, 70%, 55%                |
| CMY         | 0.5216, 0.2980, 0.4510       |
| CMYK        | 0.32, 0.00, 0.22, 0.30       |
| HSL         | 139°, 27%, 59%               |
| HSV         | 139°, 32%, 70%               |
| XYZ         | 28.8798, 38.2712, 30.6759    |
| YIQ         | 157.5110, -21.4530, -24.2130 |

# Conversions

## Conversions Part 2

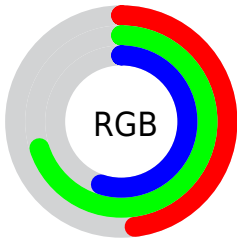
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">122, 165, 179</a>                   |
| Decimal                             | <a href="#">8041356</a>                         |
| CIELab                              | <a href="#">68.22, -26.88, 14.09</a>            |
| CIELCh                              | <a href="#">68, 30.348, 152.326</a>             |
| Yxy                                 | <a href="#">38.2712, 0.2952,<br/>0.3912</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286231436<br/>(0xFF7AB38C)</a>     |
| YUV                                 | <a href="#">157.5110, -8.6329,<br/>-31.1431</a> |
| Hunter-Lab                          | <a href="#">61.8637, -24.9326,<br/>13.9049</a>  |

# Details

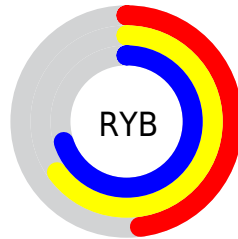
The Hex color **7AB38C** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B37AA1**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B0EBC2**, and **477E5A** is the 20% darker color. If you saturate the color by 10%, you get **68B380**, and if you desaturate by 10%, it is **8CB398**.

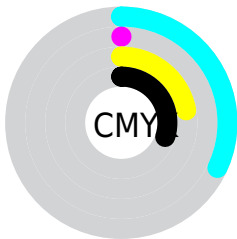
# Distribution



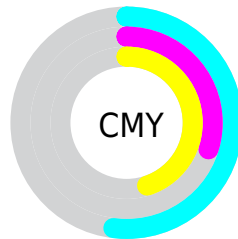
- Red (48%)
- Green (70%)
- Blue (55%)



- Red (48%)
- Yellow (65%)
- Blue (70%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)



- Cyan (52%)
- Magenta (30%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB38C 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 7AB38C by changing the saturation by 10% instead.



 7AB38C

 7AB38C

FFFFFF

 609872

 B0EBC2

 477E5A

 CCFFDE

 2E6542

 E8FFFA

 134C2C

 003517

 002100

 000000

 7AB38C

 7AB38C

 68B380

 8CB398

 56B374

 9EB3A4

 44B367

 B0B3B1

 32B35B

 C2B3BD

 21B34F

 D3B3C9

 0FB343

 E5B3D5

 00B339

 F7B3E2

 FFB3EE

 FFB3FA

# Harmonies

## Analogous

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



9AAD77



7AB38C



5CB5A8

# Triad

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



7AB38C



85A8DD



DC948A

# Complementary

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



7AB38C



B37AA1

# 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.



DB92A5



7AB38C



AD9ED5

# Square

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



7AB38C



5EB0D6



CB96C0



CF9C77

# Rectangle

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



7AB38C



4EB5BA



CB96C0



DD9393

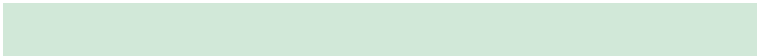


# Sweetspot

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



7AB38C



D1E8D8



A2B37A



67756C



F5F5F5



757575



# Same Dimension

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



7AB38C



90E8AC



7AB3A8



505953



009930



001A08



# Inverse Universe

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



B37AA1



E890CC



B37A85



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color 7AB38C looks on a white background.

## Color Contrast Check

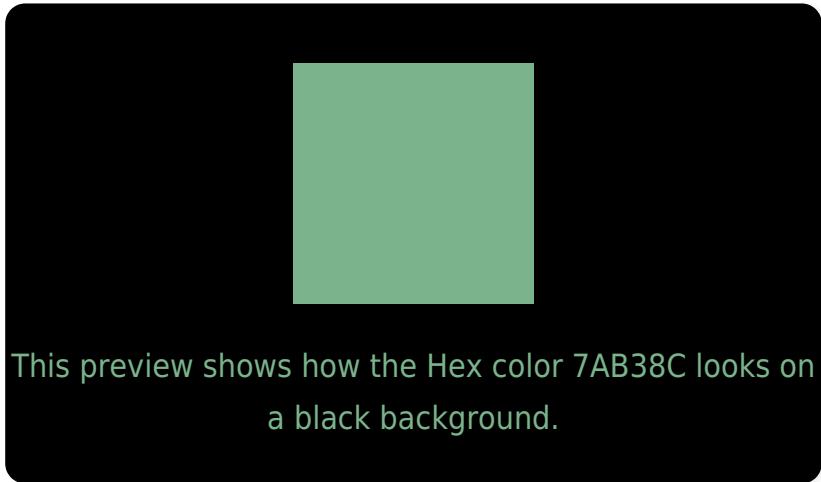
Large Text (above 18pt) WCAG AA × Fail

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

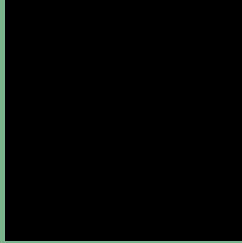
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AB38C Background



This preview shows how black text looks on a background with the Hex color 7AB38C.

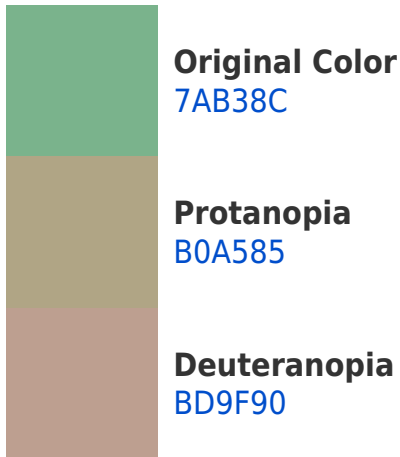


This preview shows how white text looks on a background with the Hex color 7AB38C.

# 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](#).

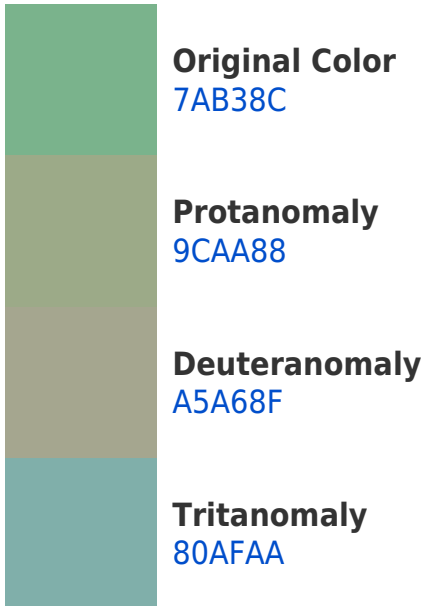
## Dichromacy



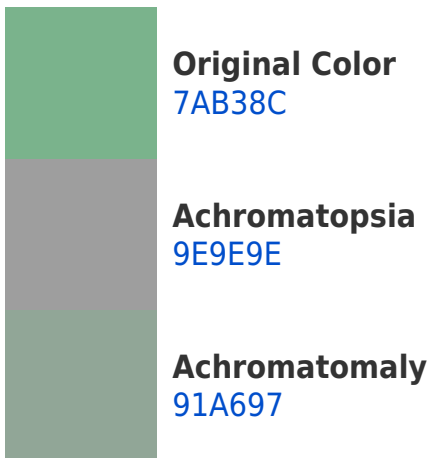


**Tritanopia**  
83ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB38C 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 #7AB38C looks like.

```
.text, #text, p{  
    color:#7AB38C  
}
```

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 #7AB38C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB38C
}
```

## Border

The CSS property to change the border of an element to Hex 7AB38C 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
#7AB38C }
```

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

```
.border{ border-color:#7AB38C }
```

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

Here you see how a box with a 4 pixel #7AB38C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB38C; -webkit-box-shadow:4px 4px  
4px 4px #7AB38C; box-shadow:4px 4px 4px  
4px #7AB38C }
```

# Background

The CSS property to change the background color of an element to Hex 7AB38C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB38C }
```

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

```
.background{ background-color:#7AB38C }
```

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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