

# Converting Colors

Hex(7AB7A5)

Have a look what the booklet for  
Hex(7AB7A5) contains.

<b>Hex(7AB7A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7AB7A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB7A5
RGB	122, 183, 165
RGB Percent	48%, 72%, 65%
CMY	0.5216, 0.2824, 0.3529
CMYK	0.33, 0.00, 0.10, 0.28
HSL	162°, 30%, 60%
HSV	162°, 33%, 72%
XYZ	31.7511, 40.7212, 41.7838
YIQ	162.7090, -30.5780, -18.5300

# Conversions

## Conversions Part 2

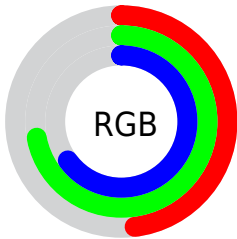
Format	Color
<a href="#">RYB</a>	<a href="#">122, 158, 183</a>
Decimal	<a href="#">8042405</a>
CIELab	<a href="#">69.98, -23.67, 2.90</a>
CIELCh	<a href="#">70, 23.850, 173.007</a>
Yxy	<a href="#">40.7212, 0.2779, 0.3564</a>
Android (android.graphics.Color)	<a href="#">4286232485 (0xFF7AB7A5)</a>
YUV	<a href="#">162.7090, 1.1295, -35.7018</a>
Hunter-Lab	<a href="#">63.8131, -22.8580, 5.8470</a>

# Details

The Hex color **7AB7A5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B77A8C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B0EFDC**, and **468271** is the 20% darker color. If you saturate the color by 10%, you get **68B7A0**, and if you desaturate by 10%, it is **8CB7AA**.

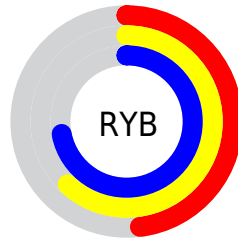
# Distribution



Red (48%)

Green (72%)

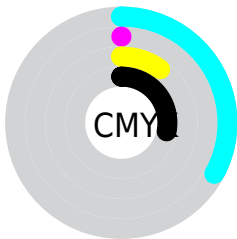
Blue (65%)



Red (48%)

Yellow (62%)

Blue (72%)

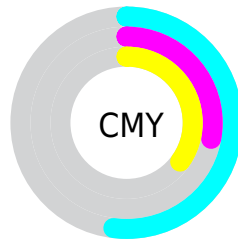


Cyan (33%)

Magenta (0%)

Yellow (10%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB7A5 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 7AB7A5 by changing the saturation by 10% instead.





7AB7A5



7AB7A5

FFFFFF



609C8B



B0EFDC



468271



CCFFF8



2C6859



E9FFFF



105041



00392B



002317



000000



7AB7A5



7AB7A5



68B7A0



8CB7AA

 55B79A

 9FB7B0

 43B795

 B1B7B5

 31B78F

 C3B7BB

 1FB78A

 D6B7C0

 0CB785

 E8B7C5

 00B781

 FAB7CB

 FFB7D0

 FFB7D6

# Harmonies

## Analogous

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



91B490



7AB7A5



6DB7BB

# Triad

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



7AB7A5



A8A7D3



D0A189

# Complementary

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



7AB7A5



B77A8C

# 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.



D79C9B



7AB7A5



C2A0C5

# Square

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



7AB7A5



8AAFD6



D39CB1



C0A880

# Rectangle

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



7AB7A5



6EB5C8



D39CB1



D49F8E



# Sweetspot

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



7AB7A5



D5EDE6



8CB77A



697874



F7F7F7



787878



# Same Dimension

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



7AB7A5



8EEDD1



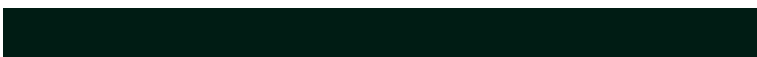
7AABB7



535C59



009C6E



001C14



# Inverse Universe

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



B77A8C



ED8EAA



B7867A



5C5355



9C002E



1C0008



# Previews

## White Background



This preview shows how the Hex color 7AB7A5 looks on a white background.

## Color Contrast Check

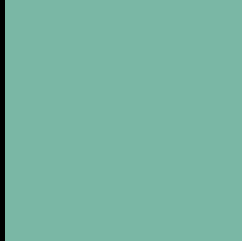
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7AB7A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

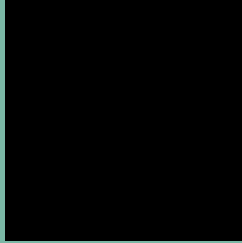
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AB7A5 Background



This preview shows how black text looks on a background with the Hex color 7AB7A5.

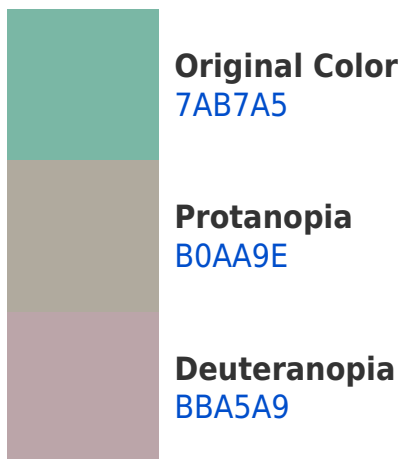


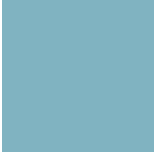
This preview shows how white text looks on a background with the Hex color 7AB7A5.

# 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](#).

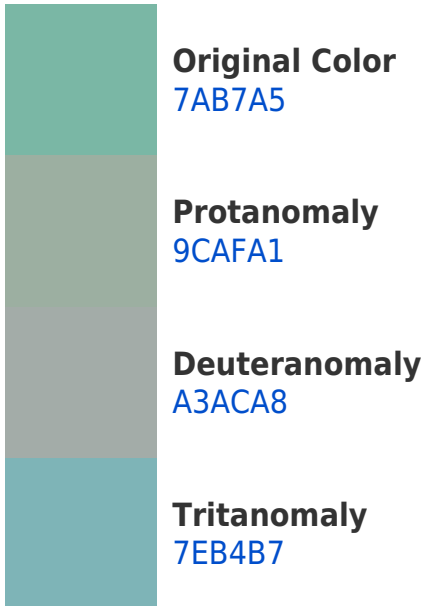
## Dichromacy



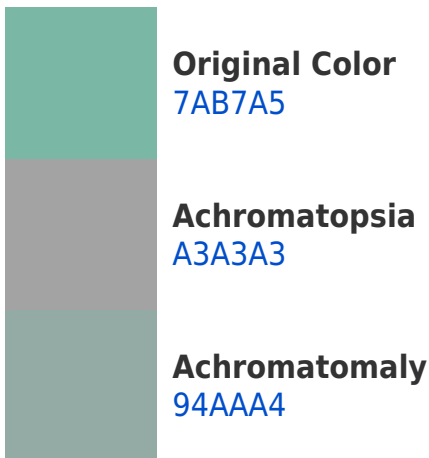


**Tritanopia**  
80B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB7A5 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 #7AB7A5 looks like.

```
.text, #text, p{  
    color:#7AB7A5  
}
```

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 #7AB7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB7A5
}
```

## Border

The CSS property to change the border of an element to Hex 7AB7A5 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
#7AB7A5 }
```

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

```
.border{ border-color:#7AB7A5 }
```

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

Here you see how a box with a 4 pixel #7AB7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB7A5; -webkit-box-shadow:4px 4px  
4px 4px #7AB7A5; box-shadow:4px 4px 4px  
4px #7AB7A5 }
```

# Background

The CSS property to change the background color of an element to Hex 7AB7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB7A5 }
```

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

```
.background{ background-color:#7AB7A5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor