

# Converting Colors

Hex(7EAD82)

Have a look what the booklet for  
Hex(7EAD82) contains.

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# **Color**

**Hex(7EAD82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EAD82
RGB	126, 173, 130
RGB Percent	49%, 68%, 51%
CMY	0.5059, 0.3216, 0.4902
CMYK	0.27, 0.00, 0.25, 0.32
HSL	125°, 22%, 59%
HSV	125°, 27%, 68%
XYZ	27.5770, 35.9345, 26.6017
YIQ	154.0450, -14.2090, -23.3370

# Conversions

## Conversions Part 2

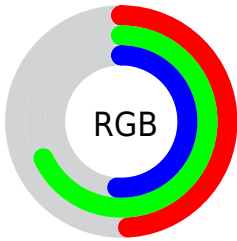
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 169, 173
Decimal	8301954
CIELab	66.47, -24.46, 17.16
CIElCh	66, 29.883, 144.954
Yxy	35.9345, 0.3060, 0.3988
Android (android.graphics.Color)	4286492034 (0xFF7EAD82)
YUV	154.0450, -11.8542, -24.5955
Hunter-Lab	59.9454, -22.7880, 15.6509

# Details

The Hex color **7EAD82** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD7EA9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B4E5B7**, and **4B7850** is the 20% darker color. If you saturate the color by 10%, you get **6DAD72**, and if you desaturate by 10%, it is **8FAD92**.

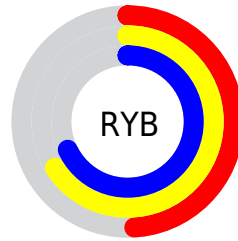
# Distribution



Red (49%)

Green (68%)

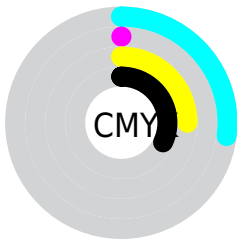
Blue (51%)



Red (49%)

Yellow (66%)

Blue (68%)

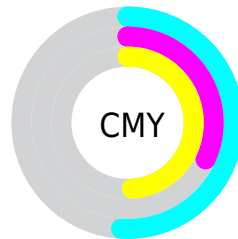


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EAD82 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 7EAD82 by changing the saturation by 10% instead.



 7EAD82

 7EAD82

FFFFFF

 649269

 B4E5B7

 4B7850

 D0FFD3

 335F39

 ECFEF

 1B4723

 01300E

 001D00

 000000

 7EAD82

 7EAD82

 6DAD72

 8FAD92

 5BAD62

 A1ADA2

 4AAD53

 B2ADB1

 39AD43

 C3ADC1

 27AD33

 D5ADD1

 16AD23

 E6ADE1

 05AD13

 F7ADF1

 00AD0F

 FFADFF

# Harmonies

## Analogous

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



9DA770



7EAD82



5FB09C

# Triad

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



7EAD82



77A6D7



D78F8C

# Complementary

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



7EAD82



AD7EA9

# 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.



D38EA7



7EAD82



9F9CD2

# Square

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



7EAD82



54ACCD



C093C1



CD9577

# Rectangle

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



7EAD82



4FB0AF



C093C1



D78E95



# Sweetspot

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



7EAD82



CEE0D0



A9AD7E



657066



F0F0F0



707070



# Same Dimension

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



7EAD82



96E09D



7EAD99



4E574F



00960D



001702



# Inverse Universe

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



AD7EA9



E096DA



AD7E92



574E56



96008A



170015



# Previews

## White Background



This preview shows how the Hex color 7EAD82 looks on a white background.

## Color Contrast Check

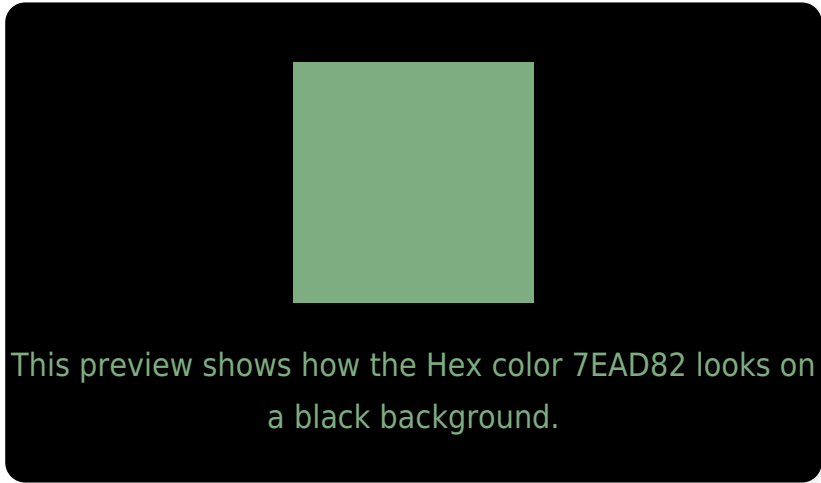
Large Text (above 18pt) WCAG AA × Fail

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

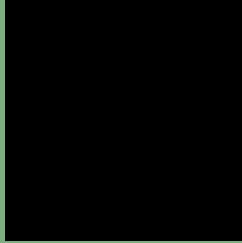
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EAD82 Background



This preview shows how black text looks on a background with the Hex color 7EAD82.

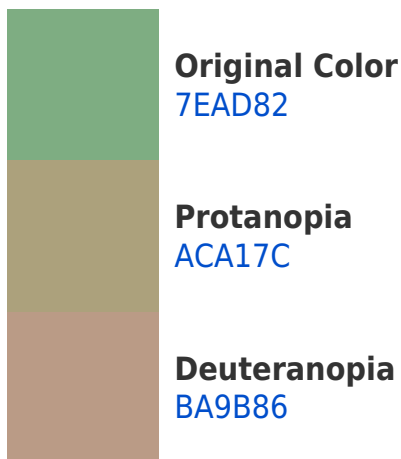


This preview shows how white text looks on a background with the Hex color 7EAD82.

# 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](#).

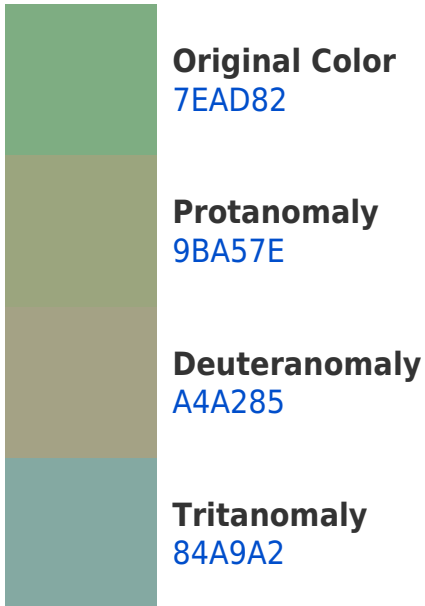
## Dichromacy



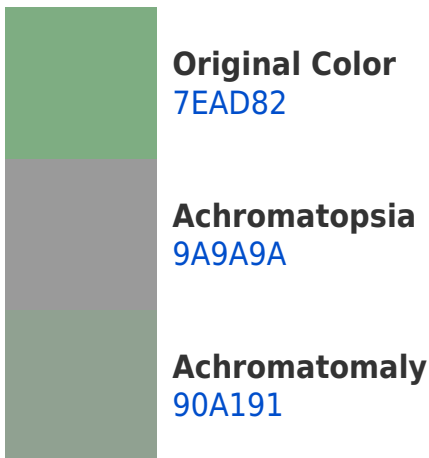


**Tritanopia**  
87A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EAD82 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 #7EAD82 looks like.

```
.text, #text, p{  
    color:#7EAD82  
}
```

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 #7EAD82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EAD82
}
```

## Border

The CSS property to change the border of an element to Hex 7EAD82 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
#7EAD82 }
```

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

```
.border{ border-color:#7EAD82 }
```

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

Here you see how a box with a 4 pixel #7EAD82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EAD82; -webkit-box-shadow:4px 4px  
4px 4px #7EAD82; box-shadow:4px 4px 4px  
4px #7EAD82 }
```

# Background

The CSS property to change the background color of an element to Hex 7EAD82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EAD82 }
```

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

```
.background{ background-color:#7EAD82 }
```

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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