

# Converting Colors

Hex(A7B37D)

Have a look what the booklet for  
Hex(A7B37D) contains.

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# **Color**

**Hex(A7B37D)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7B37D                      |
| RGB         | 167, 179, 125               |
| RGB Percent | 65%, 70%, 49%               |
| CMY         | 0.3451, 0.2980, 0.5098      |
| CMYK        | 0.07, 0.00, 0.30, 0.30      |
| HSL         | 73°, 26%, 60%               |
| HSV         | 73°, 30%, 70%               |
| XYZ         | 35.7581, 41.9364, 25.6119   |
| YIQ         | 169.2560, 10.1820, -19.3380 |

# Conversions

## Conversions Part 2

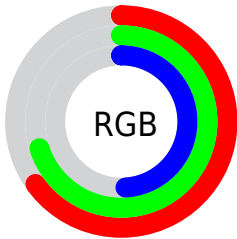
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 125, 179, 137                  |
| Decimal                             | 10990461                       |
| CIELab                              | 70.83, -13.30, 26.24           |
| CIElCh                              | 71, 29.422, 116.882            |
| Yxy                                 | 41.9364, 0.3461,<br>0.4059     |
| Android<br>(android.graphics.Color) | 4289180541<br>(0xFFA7B37D)     |
| YUV                                 | 169.2560, -21.8182,<br>-1.9785 |
| Hunter-Lab                          | 64.7583, -14.7632,<br>21.8816  |

# Details

The Hex color **A7B37D** is a light color, and the websafe version is hex **999966**. A complement of this color would be **897DB3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DFEBB2**, and **727E4B** is the 20% darker color. If you saturate the color by 10%, you get **A3B36B**, and if you desaturate by 10%, it is **ABB38F**.

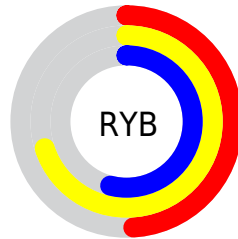
# Distribution



Red (65%)

Green (70%)

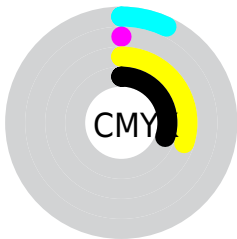
Blue (49%)



Red (49%)

Yellow (70%)

Blue (54%)

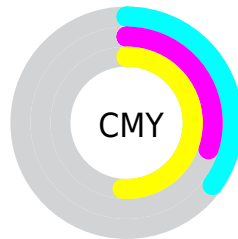


Cyan (7%)

Magenta (0%)

Yellow (30%)

Black (30%)



Cyan (35%)

Magenta (30%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B37D 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 A7B37D by changing the saturation by 10% instead.



 A7B37D

 A7B37D

FFFFFF

 8C9864

 DFEBB2

 727E4B

 FBFFCE

 596534

 FFFFEA

 414D1E

 2A3706

 152100

 000600

 000000

 A7B37D

 A7B37D

 A3B36B

 ABB38F

 9FB359

 AFB3A1

 9BB347

 B3B3B3

 97B335

 B7B3C5

 93B323

 BBB3D6

 8FB312

 BFB3E8

 8BB300

 C3B3FA

 C7B3FF

 CBB3FF

# Harmonies

## Analogous

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



C3AB78



A7B37D



88B98F

# Triad

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



A7B37D



64B8D9



DF9AB1

# Complementary

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



A7B37D



897DB3

# 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.



CD9FCB



A7B37D



87B1E2

# Square

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



A7B37D



59BCC5



ADA7DD



E39B96

# Rectangle

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



A7B37D



74BBA0



ADA7DD



DB9BBA



# Sweetspot

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



A7B37D



E3E8D3



B3897D



727568



F5F5F5



757575



# Same Dimension

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



A7B37D



D5E895



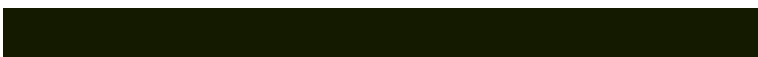
8CB37D



575950



779900



141A00



# Inverse Universe

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



897DB3



A795E8



A47DB3



525059



220099



06001A



# Previews

## White Background



This preview shows how the Hex color A7B37D looks on a white background.

## Color Contrast Check

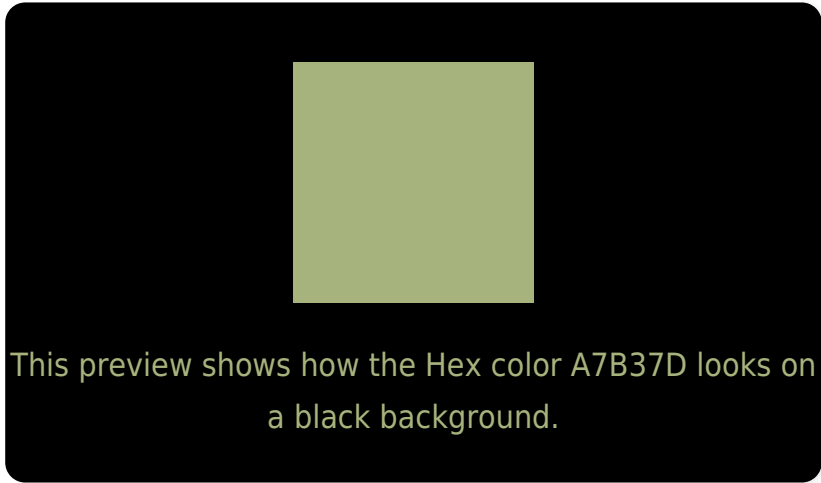
Large Text (above 18pt) WCAG AA × Fail

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 A7B37D Background



This preview shows how black text looks on a background with the Hex color A7B37D.

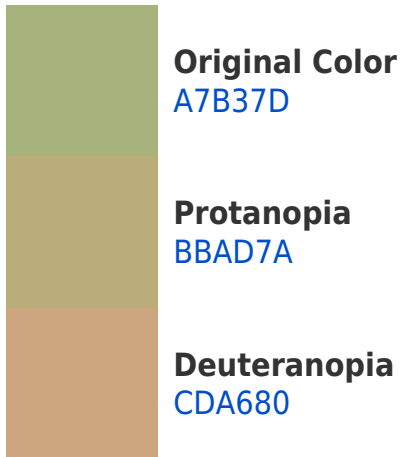


This preview shows how white text looks on a background with the Hex color A7B37D.

# 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](#).

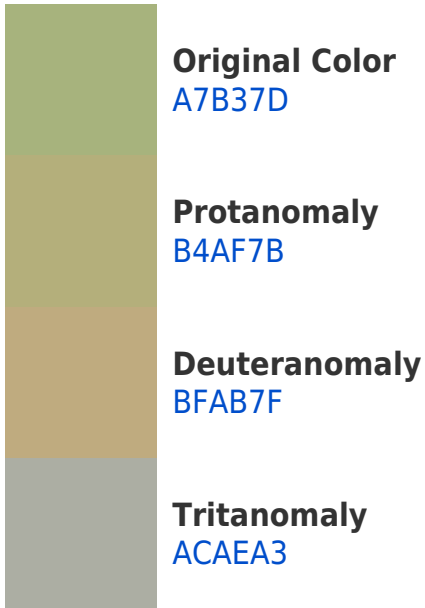
## Dichromacy



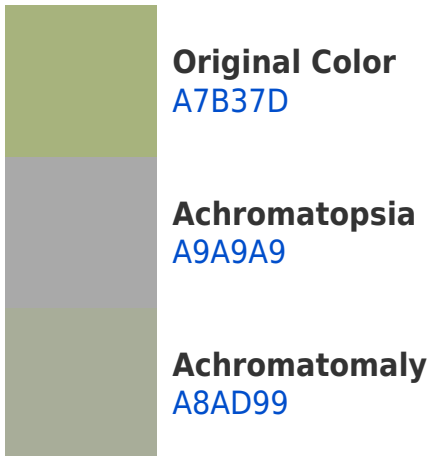


**Tritanopia**  
AFABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B37D 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 #A7B37D looks like.

```
.text, #text, p{  
    color:#A7B37D  
}
```

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 #A7B37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B37D
}
```

## Border

The CSS property to change the border of an element to Hex A7B37D 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
#A7B37D }
```

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

```
.border{ border-color:#A7B37D }
```

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

Here you see how a box with a 4 pixel #A7B37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B37D; -webkit-box-shadow:4px 4px  
4px 4px #A7B37D; box-shadow:4px 4px 4px  
4px #A7B37D }
```

# Background

The CSS property to change the background color of an element to Hex A7B37D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B37D }
```

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

```
.background{ background-color:#A7B37D }
```

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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