

# Converting Colors

Hex(A7A785)

Have a look what the booklet for  
Hex(A7A785) contains.

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# **Color**

**Hex(A7A785)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7A785                      |
| RGB         | 167, 167, 133               |
| RGB Percent | 65%, 65%, 52%               |
| CMY         | 0.3451, 0.3451, 0.4784      |
| CMYK        | 0.00, 0.00, 0.20, 0.35      |
| HSL         | 60°, 16%, 59%               |
| HSV         | 60°, 20%, 65%               |
| XYZ         | 33.9887, 37.5464, 27.6461   |
| YIQ         | 163.1240, 10.9140, -10.5740 |

# Conversions

## Conversions Part 2

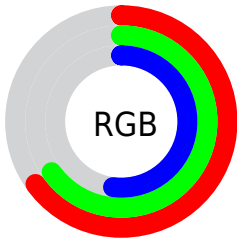
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">133, 167, 133</a>               |
| Decimal                             | <a href="#">10987397</a>                    |
| CIELab                              | <a href="#">67.68, -5.81, 17.64</a>         |
| CIElCh                              | <a href="#">68, 18.573, 108.243</a>         |
| Yxy                                 | <a href="#">37.5464, 0.3427, 0.3786</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4289177477<br/>(0xFFA7A785)</a> |
| YUV                                 | <a href="#">163.1240, -14.8511, 3.3993</a>  |
| Hunter-Lab                          | <a href="#">61.2751, -8.2192, 16.1421</a>   |

# Details

The Hex color **A7A785** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8585A7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DEDEBA**, and **737353** is the 20% darker color. If you saturate the color by 10%, you get **A7A774**, and if you desaturate by 10%, it is **A7A796**.

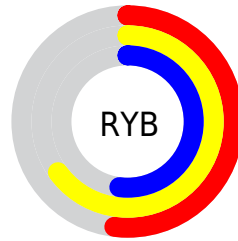
# Distribution



Red (65%)

Green (65%)

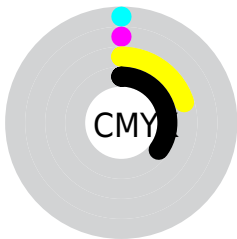
Blue (52%)



Red (52%)

Yellow (65%)

Blue (52%)

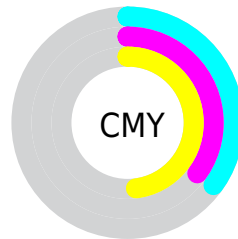


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A785 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 A7A785 by changing the saturation by 10% instead.



 A7A785

 A7A785

FFFFFF

 8C8D6C

 DEDEBA

 737353

 FBFBD6

 5A5B3C

 FFFFF2

 424326

 2B2D11

 171900

 000000

 A7A785

 A7A785

 A7A774

 A7A796

 A7A764

 A7A7A6

 A7A753

 A7A7B7

 A7A742

 A7A7C8

 A7A732

 A7A7D8

 A7A721

 A7A7E9

 A7A710

 A7A7FA

 A7A700

 A7A7FF

# Harmonies

## Analogous

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



B8A284



A7A785



94AB8E

# Triad

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



A7A785



7AADB8



C39AAC

# Complementary

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



A7A785



8585A7

# 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.



B49DBB



A7A785



8AA8C5

# Square

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



A7A785



78AEAF



9FA3C4



C8999B

# Rectangle

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



A7A785



88AD98



9FA3C4



BF9BB2



# Sweetspot

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



A7A785



D9D9CC



A78585



6E6E66



EDEDED



6E6E6E



# Same Dimension

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



A7A785



D9D9A5



96A785



54544C



949400



141400



# Inverse Universe

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



8585A7



A5A5D9



9685A7



4C4C54



000094



000014



# Previews

## White Background



This preview shows how the Hex color A7A785 looks on a white background.

## Color Contrast Check

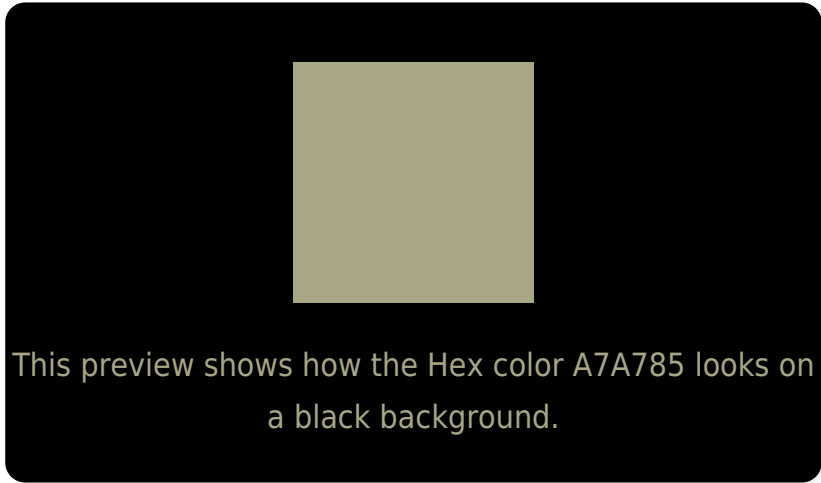
Large Text (above 18pt) WCAG AA × Fail

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

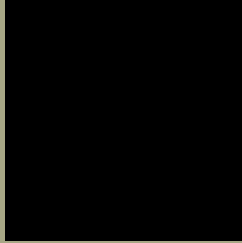
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A785 Background



This preview shows how black text looks on a background with the Hex color A7A785.

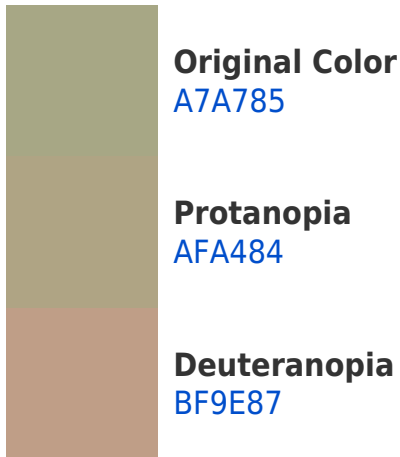


This preview shows how white text looks on a background with the Hex color A7A785.

# 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





# Trichromacy



**Original Color**  
A7A785

**Protanomaly**  
ACA584

**Deuteranomaly**  
B6A186

**Tritanomaly**  
AAA39F

# Monochromacy



**Original Color**  
A7A785

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A4A498

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A785 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 #A7A785 looks like.

```
.text, #text, p{  
    color:#A7A785  
}
```

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 #A7A785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A785
}
```

## Border

The CSS property to change the border of an element to Hex A7A785 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
#A7A785 }
```

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

```
.border{ border-color:#A7A785 }
```

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

Here you see how a box with a 4 pixel #A7A785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A785; -webkit-box-shadow:4px 4px  
4px 4px #A7A785; box-shadow:4px 4px 4px  
4px #A7A785 }
```

# Background

The CSS property to change the background color of an element to Hex A7A785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A785 }
```

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

```
.background{ background-color:#A7A785 }
```

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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