

# Converting Colors

Hex(A7A766)

Have a look what the booklet for  
Hex(A7A766) contains.

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**Color**

**Hex(A7A766)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7A766                      |
| RGB         | 167, 167, 102               |
| RGB Percent | 65%, 65%, 40%               |
| CMY         | 0.3451, 0.3451, 0.6000      |
| CMYK        | 0.00, 0.00, 0.39, 0.35      |
| HSL         | 60°, 27%, 53%               |
| HSV         | 60°, 39%, 65%               |
| XYZ         | 32.1533, 36.8122, 17.9812   |
| YIQ         | 159.5900, 20.8650, -20.2150 |

# Conversions

## Conversions Part 2

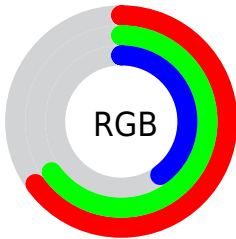
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">102, 167, 102</a>                  |
| Decimal                             | <a href="#">10987366</a>                       |
| CIELab                              | <a href="#">67.14, -9.95, 33.61</a>            |
| CIELCh                              | <a href="#">67, 35.053, 106.498</a>            |
| Yxy                                 | <a href="#">36.8122, 0.3698,<br/>0.4234</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289177446<br/>(0xFFA7A766)</a>    |
| YUV                                 | <a href="#">159.5900, -28.3919,<br/>6.4986</a> |
| Hunter-Lab                          | <a href="#">60.6731, -11.5829,<br/>24.8999</a> |

# Details

The Hex color **A7A766** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6666A7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **DFDE9A**, and **727335** is the 20% darker color. If you saturate the color by 10%, you get **A7A755**, and if you desaturate by 10%, it is **A7A777**.

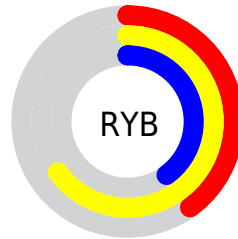
# Distribution



Red (65%)

Green (65%)

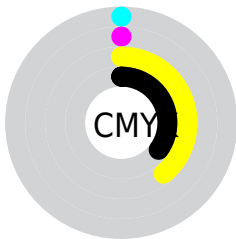
Blue (40%)



Red (40%)

Yellow (65%)

Blue (40%)

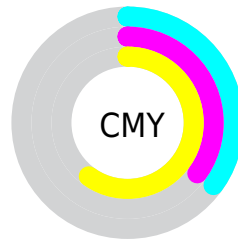


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A766 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 A7A766 by changing the saturation by 10% instead.



 A7A766

 A7A766

FFFFFF

 8C8D4D

 DFDE9A

 727335

 FCFBB5

 585B1E

 FFFFD1

 404305

 FFFFED

 292D00

 0E1900

 000000

 A7A766

 A7A766

 A7A755

 A7A777

 A7A745

 A7A787

 A7A734

 A7A798

 A7A723

 A7A7A9

 A7A713

 A7A7B9

 A7A702

 A7A7CA

 A7A700

 A7A7DB

 A7A7EC

 A7A7FC

# Harmonies

## Analogous

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



C59D66



A7A766



83AF77

# Triad

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



A7A766



2EB2D0



D88DB3

# Complementary

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



A7A766



6666A7

# 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.



BD95CF



A7A766



5EABE0

# Square

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



A7A766



33B4B4



92A0E0



E28C93

# Rectangle

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



A7A766



69B289



92A0E0



D18FBD



# Sweetspot

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



A7A766



D9D9BF



A76666



6E6E5E



EDEDED



6E6E6E



# Same Dimension

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



A7A766



D9D973



87A766



54544C



949400



141400



# Inverse Universe

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



6666A7



7373D9



8766A7



4C4C54



000094



000014



# Previews

## White Background



This preview shows how the Hex color A7A766 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

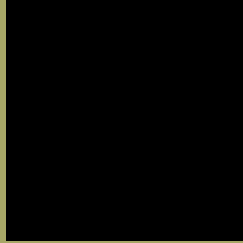
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A766 Background



This preview shows how black text looks on a background with the Hex color A7A766.



This preview shows how white text looks on a background with the Hex color A7A766.

# 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](#).

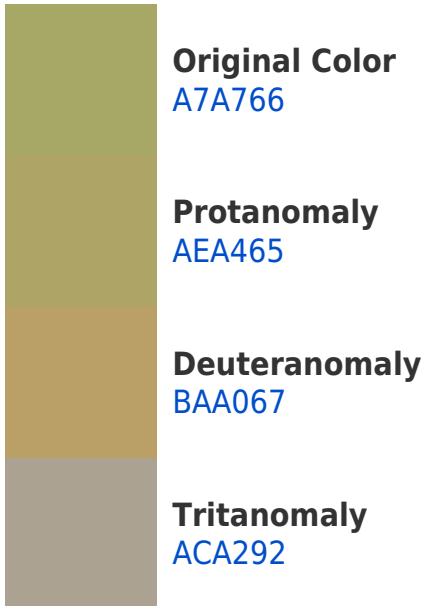
## Dichromacy





**Tritanopia**  
AF9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A766 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 #A7A766 looks like.

```
.text, #text, p{  
    color:#A7A766  
}
```

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 #A7A766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A766
}
```

## Border

The CSS property to change the border of an element to Hex A7A766 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
#A7A766 }
```

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

```
.border{ border-color:#A7A766 }
```

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

Here you see how a box with a 4 pixel #A7A766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A766; -webkit-box-shadow:4px 4px  
4px 4px #A7A766; box-shadow:4px 4px 4px  
4px #A7A766 }
```

# Background

The CSS property to change the background color of an element to Hex A7A766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A766 }
```

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

```
.background{ background-color:#A7A766 }
```

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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