

# Converting Colors

Hex(A7AB67)

Have a look what the booklet for  
Hex(A7AB67) contains.

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# **Color**

**Hex(A7AB67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7AB67
RGB	167, 171, 103
RGB Percent	65%, 67%, 40%
CMY	0.3451, 0.3294, 0.5961
CMYK	0.02, 0.00, 0.40, 0.33
HSL	64°, 29%, 54%
HSV	64°, 40%, 67%
XYZ	32.9474, 38.3206, 18.4921
YIQ	162.0520, 19.4440, -21.9960

# Conversions

## Conversions Part 2

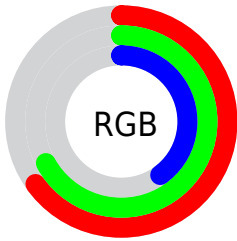
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 171, 107</a>
Decimal	<a href="#">10988391</a>
CIELab	<a href="#">68.26, -11.94, 34.51</a>
CIElCh	<a href="#">68, 36.519, 109.081</a>
Yxy	<a href="#">38.3206, 0.3671, 0.4269</a>
Android (android.graphics.Color)	<a href="#">4289178471 (0xFFA7AB67)</a>
YUV	<a href="#">162.0520, -29.1126, 4.3394</a>
Hunter-Lab	<a href="#">61.9036, -13.3269, 25.6212</a>

# Details

The Hex color **A7AB67** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B67AB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DFE29B**, and **727736** is the 20% darker color. If you saturate the color by 10%, you get **A6AB56**, and if you desaturate by 10%, it is **A8AB78**.

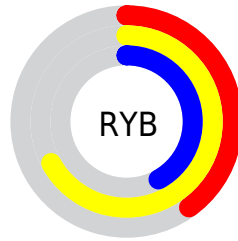
# Distribution



Red (65%)

Green (67%)

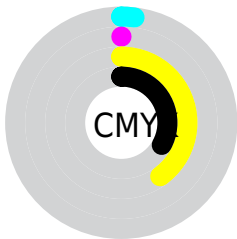
Blue (40%)



Red (40%)

Yellow (67%)

Blue (42%)

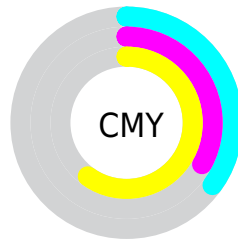


Cyan (2%)

Magenta (0%)

Yellow (40%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7AB67 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 A7AB67 by changing the saturation by 10% instead.





A7AB67



A7AB67

FFFFFF



8C914E



DFE29B



727736



FCFFB6



585E1F



FFFFD2



404705



FFFFEf



293000



0F1C00



000000



A7AB67



A7AB67



A6AB56



A8AB78

 A5AB45

 A9AB89

 A4AB34

 AAAB9A

 A3AB23

 ABABAB

 A2AB11

 ACABBC

 A1AB00

 ADABCE

 AEABDF

 AFABF0

 B0ABFF

# Harmonies

## Analogous

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



C7A066



A7AB67



81B37A

# Triad

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



A7AB67



29B5D7



DF8EB4

# Complementary

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



A7AB67



6B67AB

# 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.



C496D2



A7AB67



62ADE7

# Square

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



A7AB67



29B8BB



99A2E5



E78E92

# Rectangle

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



A7AB67



66B68E



99A2E5



D890BF



# Sweetspot

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



A7AB67



DCDEC3



AB6A67



6F7060



F0F0F0



707070



# Same Dimension

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



A7AB67



D8DE73



86AB67



56574E



8E9600



161700



# Inverse Universe

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



6B67AB



7A73DE



8C67AB



4F4E57



090096



010017



# Previews

## White Background



This preview shows how the Hex color A7AB67 looks on a white background.

## Color Contrast Check

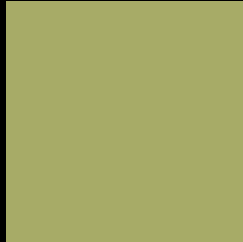
Large Text (above 18pt) WCAG AA × Fail

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 A7AB67 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

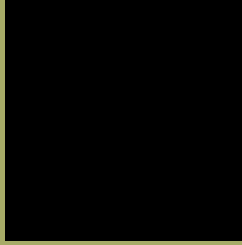
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7AB67 Background



This preview shows how black text looks on a background with the Hex color A7AB67.



This preview shows how white text looks on a background with the Hex color A7AB67.

# 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



**Original Color**  
A7AB67

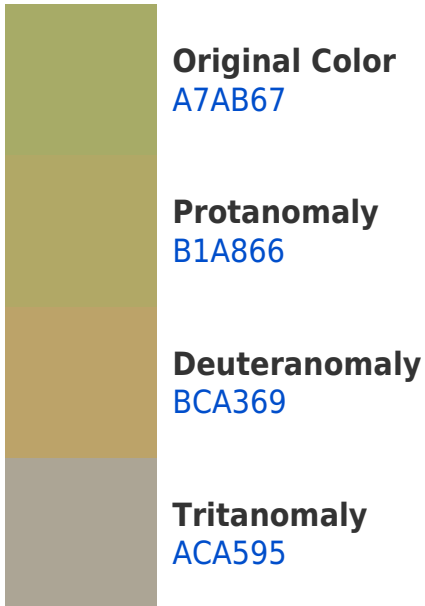
**Protanopia**  
B6A665

**Deuteranopia**  
C89F6A



**Tritanopia**  
AFA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7AB67 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 #A7AB67 looks like.

```
.text, #text, p{  
    color:#A7AB67  
}
```

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 #A7AB67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7AB67
}
```

## Border

The CSS property to change the border of an element to Hex A7AB67 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
#A7AB67 }
```

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

```
.border{ border-color:#A7AB67 }
```

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

Here you see how a box with a 4 pixel #A7AB67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7AB67; -webkit-box-shadow:4px 4px  
4px 4px #A7AB67; box-shadow:4px 4px 4px  
4px #A7AB67 }
```

# Background

The CSS property to change the background color of an element to Hex A7AB67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7AB67 }
```

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

```
.background{ background-color:#A7AB67 }
```

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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