

# Converting Colors

Hex(A7AD60)

Have a look what the booklet for  
Hex(A7AD60) contains.

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# **Color**

**Hex(A7AD60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7AD60
RGB	167, 173, 96
RGB Percent	65%, 68%, 38%
CMY	0.3451, 0.3216, 0.6235
CMYK	0.03, 0.00, 0.45, 0.32
HSL	65°, 32%, 53%
HSV	65°, 45%, 68%
XYZ	32.9912, 38.9472, 16.8451
YIQ	162.4280, 21.1410, -25.2190

# Conversions

## Conversions Part 2

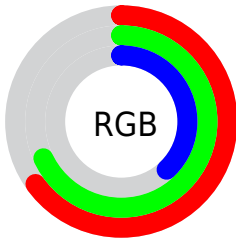
Format	Color
<a href="#">RYB</a>	<a href="#">96, 173, 102</a>
Decimal	<a href="#">10988896</a>
CIELab	<a href="#">68.71, -13.75, 38.69</a>
CIELCh	<a href="#">69, 41.062, 109.566</a>
Yxy	<a href="#">38.9472, 0.3716, 0.4387</a>
Android (android.graphics.Color)	<a href="#">4289178976 (0xFFA7AD60)</a>
YUV	<a href="#">162.4280, -32.7490, 4.0096</a>
Hunter-Lab	<a href="#">62.4077, -14.8510, 27.6818</a>

# Details

The Hex color **A7AD60** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6660AD**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DFE494**, and **71792F** is the 20% darker color. If you saturate the color by 10%, you get **A6AD4F**, and if you desaturate by 10%, it is **A8AD71**.

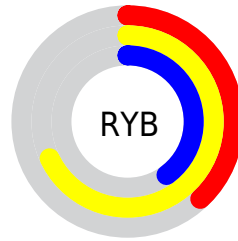
# Distribution



Red (65%)

Green (68%)

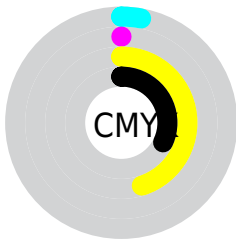
Blue (38%)



Red (38%)

Yellow (68%)

Blue (40%)

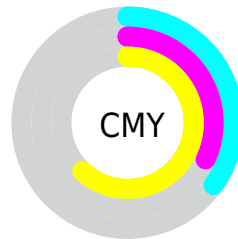


Cyan (3%)

Magenta (0%)

Yellow (45%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7AD60 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 A7AD60 by changing the saturation by 10% instead.



 A7AD60

 A7AD60

FFFFFF

 8C9247

 DFE494

 71792F

 FCFFAF

 586016

 FFFFCB

 3F4800

 FFFF7E

 273200

 0D1D00

 000000

 A7AD60

 A7AD60

 A6AD4F

 A8AD71

 A4AD3D

 AAAD83

 A3AD2C

 ABAD94

 A2AD1B

 ACADA5

 A0AD09

 AEADB7

 A0AD00

 AFADC8

 B0ADD9

 B2ADEA

 B3ADFC

# Harmonies

## Analogous

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



CBA15E



A7AD60



7CB676

# Triad

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



A7AD60



00B7DF



E78BB6

# Complementary

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



A7AD60



6660AD

# 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.



C995D8



A7AD60



54AFF0

# Square

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



A7AD60



00BBBF



98A3ED



EF8B91

# Rectangle

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



A7AD60



5BB98C



98A3ED



DF8EC2



# Sweetspot

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



A7AD60



DEE0C3



AD6560



6F705E



F0F0F0



707070



# Same Dimension

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



A7AD60



D7E069



81AD60



56574E



8B9600



151700



# Inverse Universe

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



6660AD



7369E0



8C60AD



4F4E57



0C0096



020017



# Previews

## White Background



This preview shows how the Hex color A7AD60 looks on a white background.

## Color Contrast Check

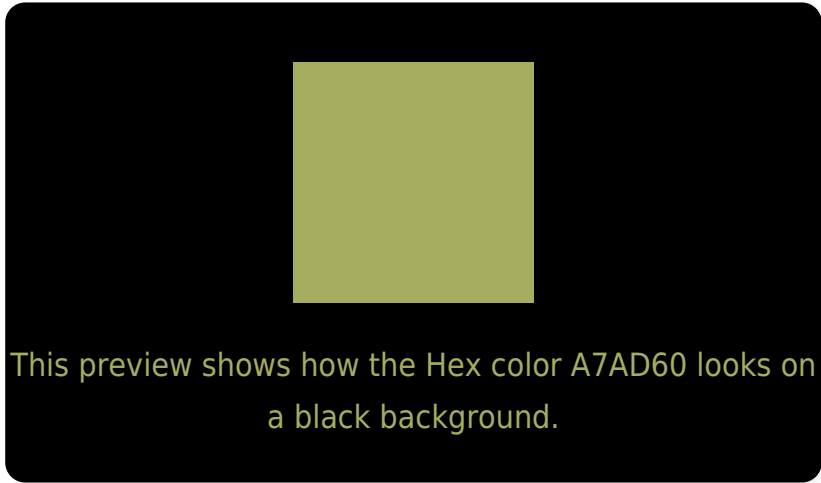
Large Text (above 18pt) WCAG AA × Fail

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

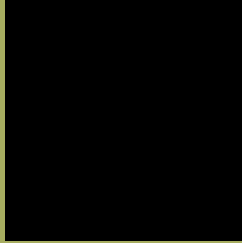
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7AD60 Background



This preview shows how black text looks on a background with the Hex color A7AD60.



This preview shows how white text looks on a background with the Hex color A7AD60.

# 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**  
A7AD60

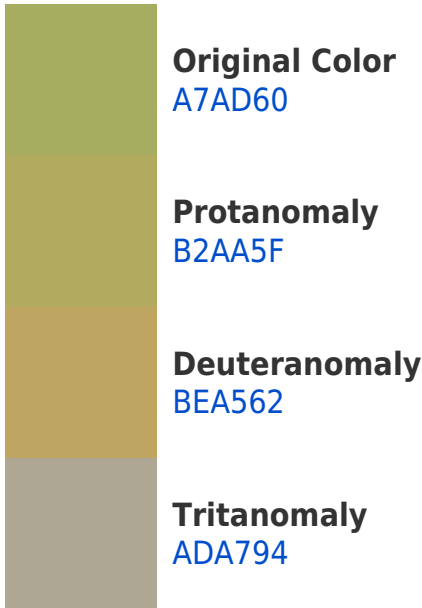
**Protanopia**  
B8A85E

**Deuteranopia**  
CBA063

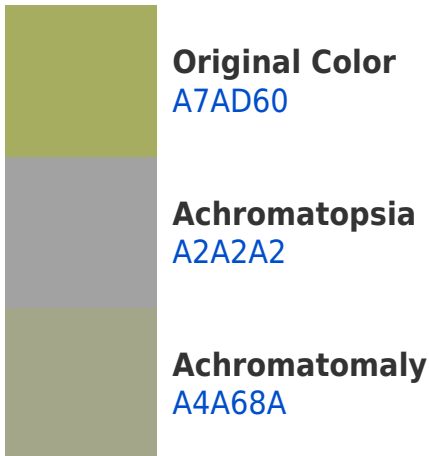


**Tritanopia**  
B0A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7AD60 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 #A7AD60 looks like.

```
.text, #text, p{  
    color:#A7AD60  
}
```

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 #A7AD60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7AD60
}
```

## Border

The CSS property to change the border of an element to Hex A7AD60 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
#A7AD60 }
```

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

```
.border{ border-color:#A7AD60 }
```

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

Here you see how a box with a 4 pixel #A7AD60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7AD60; -webkit-box-shadow:4px 4px  
4px 4px #A7AD60; box-shadow:4px 4px 4px  
4px #A7AD60 }
```

# Background

The CSS property to change the background color of an element to Hex A7AD60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7AD60 }
```

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

```
.background{ background-color:#A7AD60 }
```

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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