

# Converting Colors

Hex(A1AE5D)

Have a look what the booklet for  
Hex(A1AE5D) contains.

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# Color

**Hex(A1AE5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1AE5D
RGB	161, 174, 93
RGB Percent	63%, 68%, 36%
CMY	0.3686, 0.3176, 0.6353
CMYK	0.07, 0.00, 0.47, 0.32
HSL	70°, 33%, 52%
HSV	70°, 47%, 68%
XYZ	31.8098, 38.6395, 16.1375
YIQ	160.8790, 18.2530, -27.9470

# Conversions

## Conversions Part 2

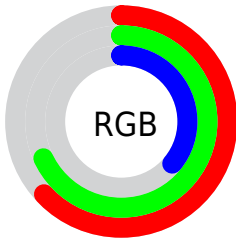
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 174, 106
Decimal	10595933
CIELab	68.49, -17.03, 39.83
CIELCh	68, 43.319, 113.154
Yxy	38.6395, 0.3674, 0.4463
Android (android.graphics.Color)	4288786013 (0xFFA1AE5D)
YUV	160.8790, -33.4643, 0.1061
Hunter-Lab	62.1607, -17.4365, 28.1202

# Details

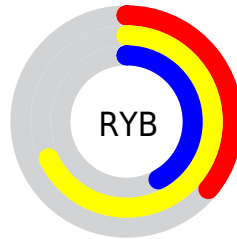
The Hex color **A1AE5D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6A5DAE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D9E591**, and **6C7A2C** is the 20% darker color. If you saturate the color by 10%, you get **9EAE4C**, and if you desaturate by 10%, it is **A4AE6E**.

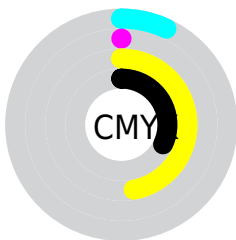
# Distribution



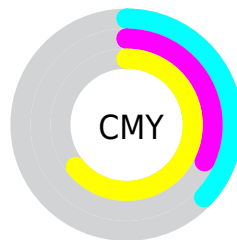
- Red (63%)
- Green (68%)
- Blue (36%)



- Red (36%)
- Yellow (68%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (47%)
- Black (32%)



- Cyan (37%)
- Magenta (32%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1AE5D 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 A1AE5D by changing the saturation by 10% instead.



 A1AE5D

 A1AE5D

FFFFFF

 869344

 D9E591

 6C7A2C

 F6FFAC

 526112

 FFFFC8

 394900

 FFFFE4

 223300

 031E00

 000000

 A1AE5D

 A1AE5D

 9EAE4C

 A4AE6E

9BAE3A

A7AE80

99AE29

A9AE91

96AE17

ACAEA3

93AE06

AFAEB4

92AE00

B2AEC5

B5AED7

B7AEE8

BAAEFA

# Harmonies

## Analogous

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



C7A258



A1AE5D



73B777

# Triad

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



A1AE5D



00B7E5



EC88B2

# Complementary

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



A1AE5D



6A5DAE

# 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.



CF92D6



A1AE5D



55AEF4

# Square

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



A1AE5D



00BBC5



9DA0EF



F2898A

# Rectangle

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



A1AE5D



4DBA8F



9DA0EF



E58ABF



# Sweetspot

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



A1AE5D



DEE3C3



AE695D



70735F



F2F2F2



737373



# Same Dimension

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



A1AE5D



CFE364



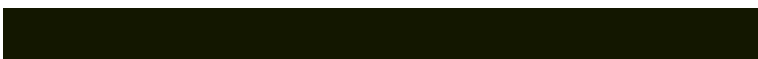
79AE5D



55574E



7E9600



131700



# Inverse Universe

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



6A5DAE



7864E3



925DAE



4F4E57



180096



040017



# Previews

## White Background



This preview shows how the Hex color A1AE5D looks on a white background.

## Color Contrast Check

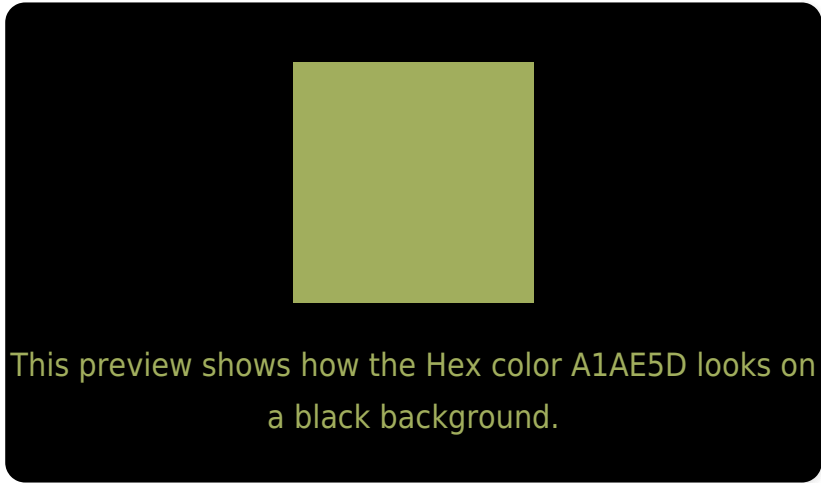
Large Text (above 18pt) WCAG AA × Fail

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

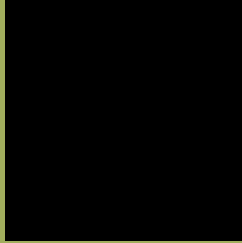
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1AE5D Background



This preview shows how black text looks on a background with the Hex color A1AE5D.

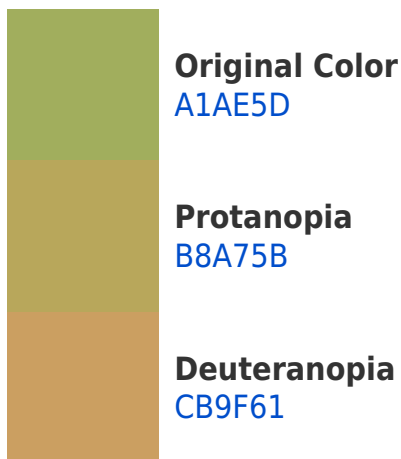


This preview shows how white text looks on a background with the Hex color A1AE5D.

# 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](#).

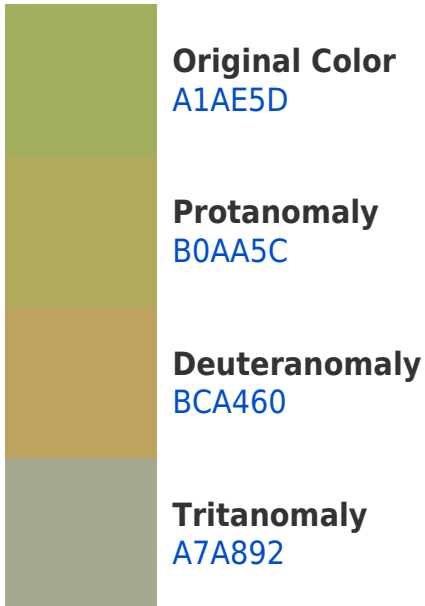
## Dichromacy



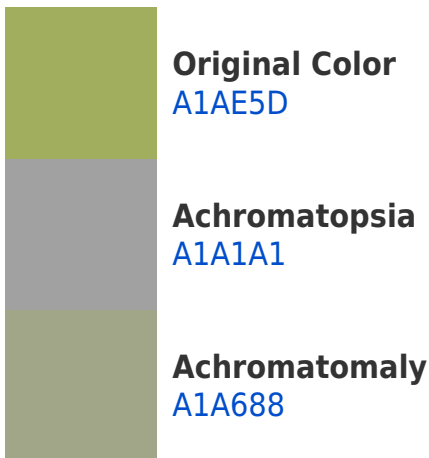


**Tritanopia**  
ABA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1AE5D 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 #A1AE5D looks like.

```
.text, #text, p{  
    color:#A1AE5D  
}
```

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 #A1AE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1AE5D
}
```

## Border

The CSS property to change the border of an element to Hex A1AE5D 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
#A1AE5D }
```

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

```
.border{ border-color:#A1AE5D }
```

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

Here you see how a box with a 4 pixel #A1AE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1AE5D; -webkit-box-shadow:4px 4px  
4px 4px #A1AE5D; box-shadow:4px 4px 4px  
4px #A1AE5D }
```

# Background

The CSS property to change the background color of an element to Hex A1AE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1AE5D }
```

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

```
.background{ background-color:#A1AE5D }
```

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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