

# Converting Colors

Hex(A1B44E)

Have a look what the booklet for  
Hex(A1B44E) contains.

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# Color

**Hex(A1B44E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1B44E
RGB	161, 180, 78
RGB Percent	63%, 71%, 31%
CMY	0.3686, 0.2941, 0.6941
CMYK	0.11, 0.00, 0.57, 0.29
HSL	71°, 40%, 51%
HSV	71°, 57%, 71%
XYZ	32.3943, 40.7696, 13.3697
YIQ	162.6910, 21.4180, -35.7500

# Conversions

## Conversions Part 2

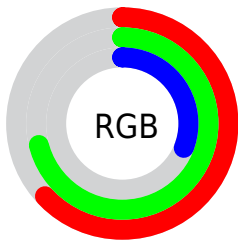
Format	Color
<a href="#">RYB</a>	<a href="#">78, 180, 97</a>
Decimal	<a href="#">10597454</a>
CIELab	<a href="#">70.01, -21.49, 48.89</a>
CIELCh	<a href="#">70, 53.409, 113.729</a>
Yxy	<a href="#">40.7696, 0.3744, 0.4711</a>
Android (android.graphics.Color)	<a href="#">4288787534</a> ( <a href="#">0xFFA1B44E</a> )
YUV	<a href="#">162.6910, -41.7527, -1.4830</a>
Hunter-Lab	<a href="#">63.8511, -21.1789, 32.2811</a>

# Details

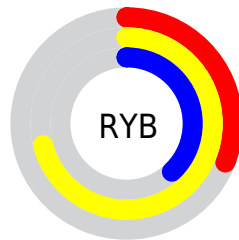
The Hex color **A1B44E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **614EB4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **DAEC82**, and **6B7F19** is the 20% darker color. If you saturate the color by 10%, you get **9EB43C**, and if you desaturate by 10%, it is **A4B460**.

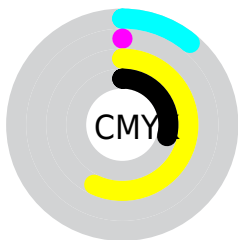
# Distribution



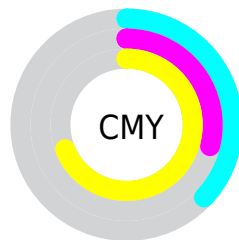
- Red (63%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1B44E 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 A1B44E by changing the saturation by 10% instead.



 A1B44E

 A1B44E


FFFFFF

 869934

 DAEC82

 6B7F19

 F7FF9D

 516600

 FFFFB9

 384E00

 FFFFD5

 1E3700

 FFFFF2

 002200

 000000

 A1B44E

 A1B44E

 9EB43C

 A4B460

 9AB42A

 A8B472

 97B418

 ABB484

 94B406

 AEB496

 92B400

 B2B4A8

 B5B4BA

 B8B4CC

 BCB4DE

 BFB4F0

# Harmonies

## Analogous

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



D0A547



A1B44E



66BE6F

# Triad

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



A1B44E



00BEF8



FF82B7

# Complementary

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



A1B44E



614EB4

# 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.



DD8FE5



A1B44E



23B3FF

# Square

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



A1B44E



00C3D1



9EA2FF



FF8487

# Rectangle

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



A1B44E



22C28E



9EA2FF



F785C8



# Sweetspot

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



A1B44E



E3EBC3



B4614E



71755E



F5F5F5



757575



# Same Dimension

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



A1B44E



CDEB4B



6EB44E



585950



7C9900



151A00



# Inverse Universe

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



614EB4



694BEB



944EB4



525059



1D0099



05001A



# Previews

## White Background



This preview shows how the Hex color A1B44E looks on a white background.

## Color Contrast Check

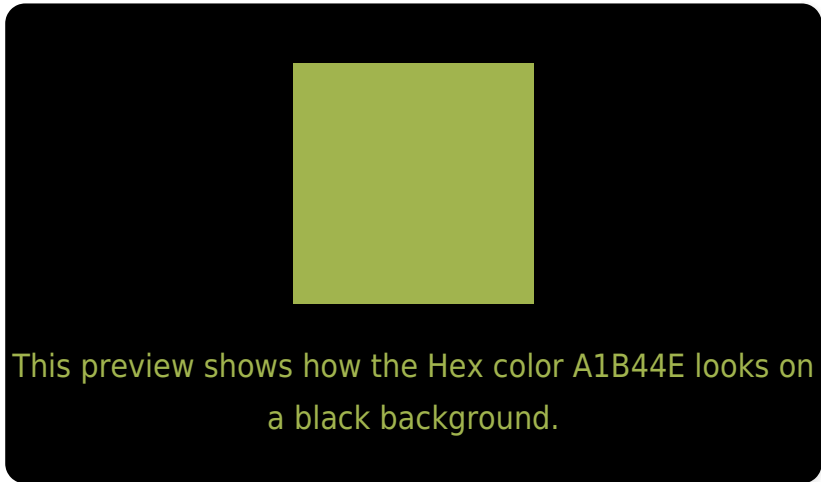
Large Text (above 18pt) WCAG AA × Fail

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 A1B44E Background



This preview shows how black text looks on a background with the Hex color A1B44E.

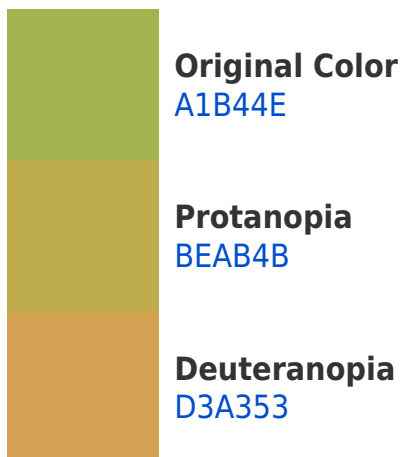


This preview shows how white text looks on a background with the Hex color A1B44E.

# 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](#).

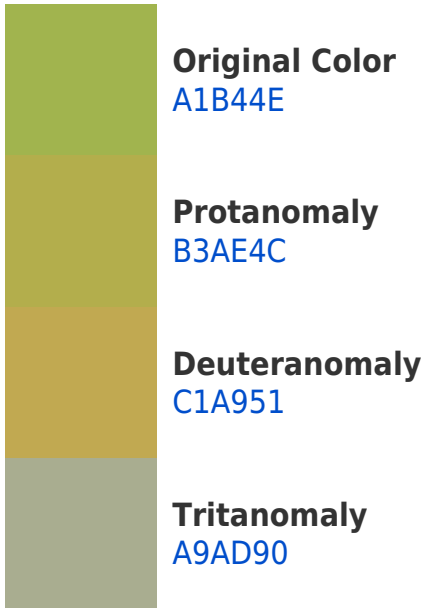
## Dichromacy



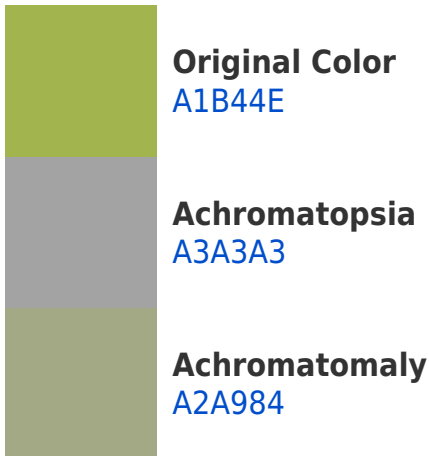


**Tritanopia**  
ADA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1B44E 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 #A1B44E looks like.

```
.text, #text, p{  
    color:#A1B44E  
}
```

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 #A1B44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B44E
}
```

## Border

The CSS property to change the border of an element to Hex A1B44E 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
#A1B44E }
```

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

```
.border{ border-color:#A1B44E }
```

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

Here you see how a box with a 4 pixel #A1B44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B44E; -webkit-box-shadow:4px 4px  
4px 4px #A1B44E; box-shadow:4px 4px 4px  
4px #A1B44E }
```

# Background

The CSS property to change the background color of an element to Hex A1B44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B44E }
```

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

```
.background{ background-color:#A1B44E }
```

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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