

# Converting Colors

Hex(A8B24A)

Have a look what the booklet for  
Hex(A8B24A) contains.

<b>Hex(A8B24A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A8B24A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B24A
RGB	168, 178, 74
RGB Percent	66%, 70%, 29%
CMY	0.3412, 0.3020, 0.7098
CMYK	0.06, 0.00, 0.58, 0.30
HSL	66°, 41%, 49%
HSV	66°, 58%, 70%
XYZ	33.3049, 40.6600, 12.5714
YIQ	163.1540, 27.4240, -34.4640

# Conversions

## Conversions Part 2

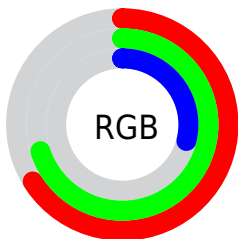
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">74, 178, 84</a>
Decimal	<a href="#">11055690</a>
CIELab	<a href="#">69.94, -17.92, 50.78</a>
CIELCh	<a href="#">70, 53.848, 109.436</a>
Yxy	<a href="#">40.6600, 0.3849, 0.4699</a>
Android (android.graphics.Color)	<a href="#">4289245770 (0xFFA8B24A)</a>
YUV	<a href="#">163.1540, -43.9529, 4.2499</a>
Hunter-Lab	<a href="#">63.7652, -18.3577, 32.9466</a>

# Details

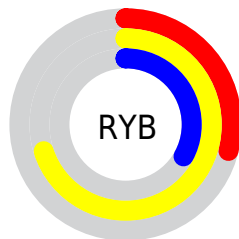
The Hex color **A8B24A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **544AB2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E1EA7E**, and **717D13** is the 20% darker color. If you saturate the color by 10%, you get **A6B238**, and if you desaturate by 10%, it is **AAB25C**.

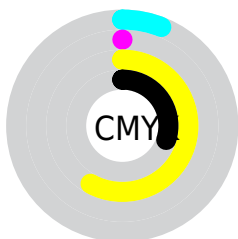
# Distribution



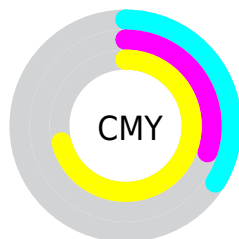
- Red (66%)
- Green (70%)
- Blue (29%)



- Red (29%)
- Yellow (70%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8B24A 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 A8B24A by changing the saturation by 10% instead.




 A8B24A

 A8B24A

FFFFFF

 8C9730

 E1EA7E

 717D13

 FFFF99

 576500

 FFFFB5

 3E4D00

 FFFFDD

 243600

 FFFFEE

 082100

 000000

 A8B24A

 A8B24A

 A6B238

 AAB25C

 A5B226

 ABB26E

 A3B215

 ADB27F

 A1B203

 AFB291

 A1B200

 B1B2A3

 B2B2B5

 B4B2C7

 B6B2D8

 B7B2EA

# Harmonies

## Analogous

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



D6A248



A8B24A



6FBD69

# Triad

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



A8B24A



00BFF4



FC83BE

# Complementary

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



A8B24A



544AB2

# 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.



D691EB



A8B24A



00B5FF

# Square

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



A8B24A



00C3CA



91A5FF



FF828D

# Rectangle

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



A8B24A



35C187



91A5FF



F386CE



# Sweetspot

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



A8B24A



E4E8BE



B2534A



73755B



F5F5F5



757575



# Same Dimension

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



A8B24A



D8E846



75B24A



585950



8A9900



171A00



# Inverse Universe

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



544AB2



5546E8



874AB2



515059



0F0099



02001A



# Previews

## White Background



This preview shows how the Hex color A8B24A looks on a white background.

## Color Contrast Check

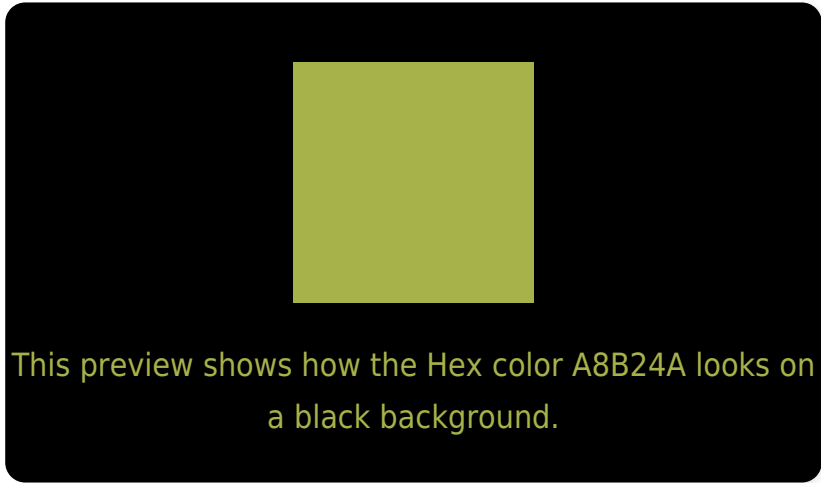
Large Text (above 18pt) WCAG AA × Fail

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 A8B24A Background



This preview shows how black text looks on a background with the Hex color A8B24A.



This preview shows how white text looks on a background with the Hex color A8B24A.

# 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**  
A8B24A

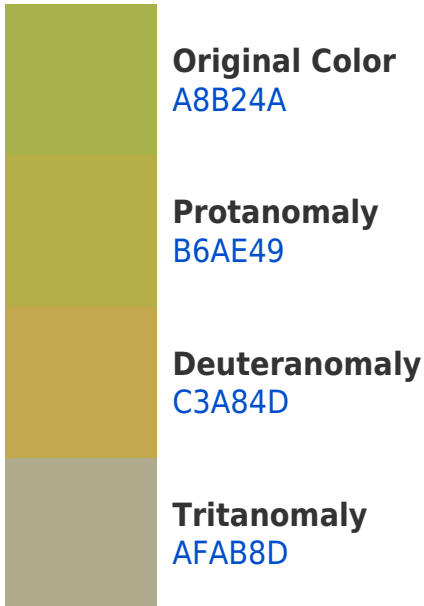
**Protanopia**  
BEAB48

**Deuteranopia**  
D3A24E



**Tritanopia**  
B3A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8B24A 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 #A8B24A looks like.

```
.text, #text, p{  
    color:#A8B24A  
}
```

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 #A8B24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B24A
}
```

## Border

The CSS property to change the border of an element to Hex A8B24A 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
#A8B24A }
```

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

```
.border{ border-color:#A8B24A }
```

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

Here you see how a box with a 4 pixel #A8B24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B24A; -webkit-box-shadow:4px 4px  
4px 4px #A8B24A; box-shadow:4px 4px 4px  
4px #A8B24A }
```

# Background

The CSS property to change the background color of an element to Hex A8B24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B24A }
```

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

```
.background{ background-color:#A8B24A }
```

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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