

# Converting Colors

Hex(B1AF3A)

Have a look what the booklet for  
Hex(B1AF3A) contains.

<b>Hex(B1AF3A)</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(B1AF3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1AF3A
RGB	177, 175, 58
RGB Percent	69%, 69%, 23%
CMY	0.3059, 0.3137, 0.7725
CMYK	0.00, 0.01, 0.67, 0.31
HSL	59°, 51%, 46%
HSV	59°, 67%, 69%
XYZ	34.2252, 40.3125, 9.9802
YIQ	162.2600, 38.7490, -35.9630

# Conversions

## Conversions Part 2

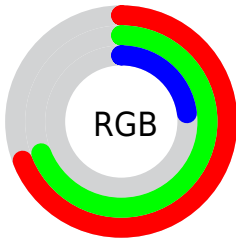
Format	Color
<a href="#">RYB</a>	<a href="#">60, 177, 58</a>
Decimal	<a href="#">11644730</a>
CIELab	<a href="#">69.69, -13.64, 57.57</a>
CIELCh	<a href="#">70, 59.163, 103.332</a>
Yxy	<a href="#">40.3125, 0.4049, 0.4770</a>
Android (android.graphics.Color)	<a href="#">4289834810 (0xFFB1AF3A)</a>
YUV	<a href="#">162.2600, -51.4002, 12.9270</a>
Hunter-Lab	<a href="#">63.4922, -14.8917, 35.1248</a>

# Details

The Hex color **B1AF3A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3CB1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EBE670**, and **797B00** is the 20% darker color. If you saturate the color by 10%, you get **B1AF28**, and if you desaturate by 10%, it is **B1AF4C**.

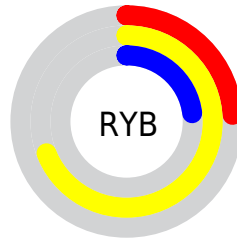
# Distribution



Red (69%)

Green (69%)

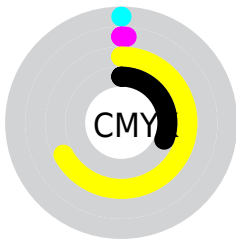
Blue (23%)



Red (24%)

Yellow (69%)

Blue (23%)

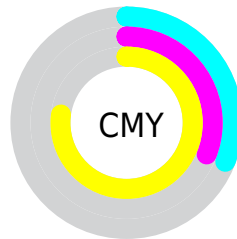


Cyan (0%)

Magenta (1%)

Yellow (67%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1AF3A 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 B1AF3A by changing the saturation by 10% instead.



 B1AF3A

 B1AF3A

FFFFFF

 95941D

 EBE670

 797B00

 FFFF8B

 5E6200


 FFFFA6

 444A00

 FFFF82

 2A3400

 FFFFDF

 111F00

 FFFF8C

 000000

 B1AF3A

 B1AF3A

 B1AF28

 B1AF4C

 B1AE17

 B1B05D

 B1AE05

 B1B06F

 B1AE00

 B1B081

 B1B093

 B1B1A4

 B1B1B6

 B1B1C8

 B1B2D9

# Harmonies

## Analogous

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



E19D40



B1AF3A



75BC58

# Triad

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



B1AF3A



00C2F3



FD7FCA

# Complementary

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



B1AF3A



3A3CB1

# 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.



CC92F9



B1AF3A



00B8FF

# Square

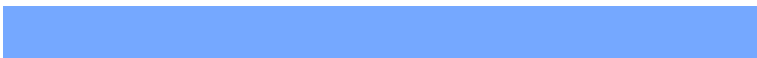
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1AF3A



00C5C1



75A8FF



FF7B94

# Rectangle

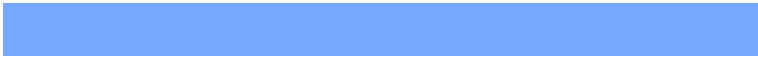
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1AF3A



39C178



75A8FF



F184DB



# Sweetspot

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



B1AF3A



E6E5B8



B13A3E



737257



F2F2F2



737373



# Same Dimension

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



B1AF3A



E6E22C



79B13A



595950



999600



1A1900



# Inverse Universe

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



3A3CB1



2C2FE6



723AB1



505059



000399



00001A



# Previews

## White Background



This preview shows how the Hex color B1AF3A looks on a white background.

## Color Contrast Check

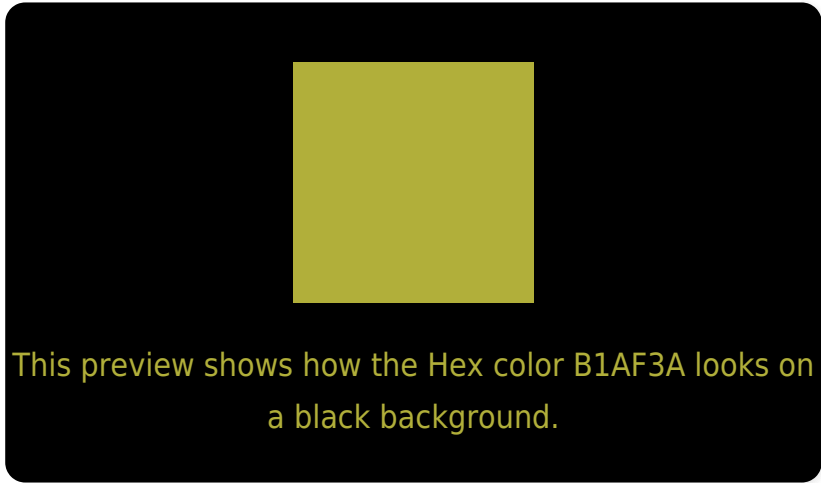
Large Text (above 18pt) WCAG AA × Fail

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 B1AF3A Background



This preview shows how black text looks on a background with the Hex color B1AF3A.



This preview shows how white text looks on a background with the Hex color B1AF3A.

# 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



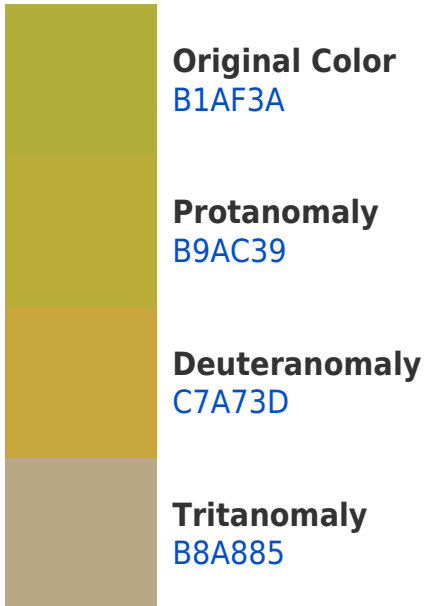
**Original Color**  
B1AF3A

**Protanopia**  
BEAA39

**Deuteranopia**  
D4A23F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1AF3A 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 #B1AF3A looks like.

```
.text, #text, p{  
    color:#B1AF3A  
}
```

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 #B1AF3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AF3A
}
```

## Border

The CSS property to change the border of an element to Hex B1AF3A 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
#B1AF3A }
```

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

```
.border{ border-color:#B1AF3A }
```

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

Here you see how a box with a 4 pixel #B1AF3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AF3A; -webkit-box-shadow:4px 4px  
4px 4px #B1AF3A; box-shadow:4px 4px 4px  
4px #B1AF3A }
```

# Background

The CSS property to change the background color of an element to Hex B1AF3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AF3A }
```

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

```
.background{ background-color:#B1AF3A }
```

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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