

# Converting Colors

Hex(A7B03E)

Have a look what the booklet for  
Hex(A7B03E) contains.

<b>Hex(A7B03E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A7B03E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B03E
RGB	167, 176, 62
RGB Percent	65%, 69%, 24%
CMY	0.3451, 0.3098, 0.7569
CMYK	0.05, 0.00, 0.65, 0.31
HSL	65°, 48%, 47%
HSV	65°, 65%, 69%
XYZ	32.3312, 39.6140, 10.4997
YIQ	160.3130, 31.2300, -37.3620

# Conversions

## Conversions Part 2

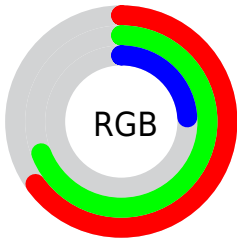
Format	Color
<a href="#">RYB</a>	<a href="#">62, 176, 71</a>
Decimal	<a href="#">10989630</a>
CIELab	<a href="#">69.19, -18.18, 55.17</a>
CIELCh	<a href="#">69, 58.091, 108.241</a>
Yxy	<a href="#">39.6140, 0.3922, 0.4805</a>
Android (android.graphics.Color)	<a href="#">4289179710</a> ( <a href="#">0xFFA7B03E</a> )
YUV	<a href="#">160.3130, -48.4683, 5.8645</a>
Hunter-Lab	<a href="#">62.9396, -18.4514, 34.1669</a>

# Details

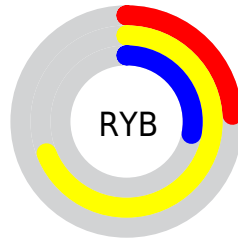
The Hex color **A7B03E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **473EB0**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E0E773**, and **707C00** is the 20% darker color. If you saturate the color by 10%, you get **A6B02C**, and if you desaturate by 10%, it is **A8B050**.

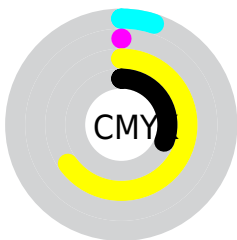
# Distribution



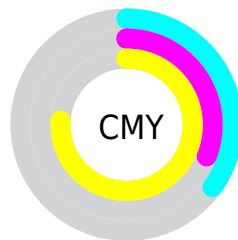
- Red (65%)
- Green (69%)
- Blue (24%)



- Red (24%)
- Yellow (69%)
- Blue (28%)



- Cyan (5%)
- Magenta (0%)
- Yellow (65%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B03E 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 A7B03E by changing the saturation by 10% instead.



 A7B03E

 A7B03E

FFFFFF

 8B9522

 E0E773

 707C00

 FEF88E

 556300

 FFFFAA

 3C4B00

 FFFFC6

 223400

 FFFFEE

 042000

 000000

 A7B03E

 A7B03E

 A6B02C

 A8B050

 A4B01B

 AAB061

 A3B009

 ABB073

 A2B000

 ADB084

 AEB096

 AFB0A8

 B1B0B9

 B2B0CB

 B4B0DC

# Harmonies

## Analogous

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



D89F3D



A7B03E



69BC60

# Triad

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



A7B03E



00BFF6



FF7DC0

# Complementary

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



A7B03E



473EB0

# 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.



D58EF0



A7B03E



00B5FF

# Square

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



A7B03E



00C3C8



87A3FF



FF7C8B

# Rectangle

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



A7B03E



21C080



87A3FF



F481D1



# Sweetspot

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



A7B03E



E2E6BA



B0463E



717358



F2F2F2



737373



# Same Dimension

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



A7B03E



D7E632



6FB03E



595950



8D9900



171A00



# Inverse Universe

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



473EB0



4132E6



7F3EB0



515059



0C0099



02001A



# Previews

## White Background



This preview shows how the Hex color A7B03E looks on a white background.

## Color Contrast Check

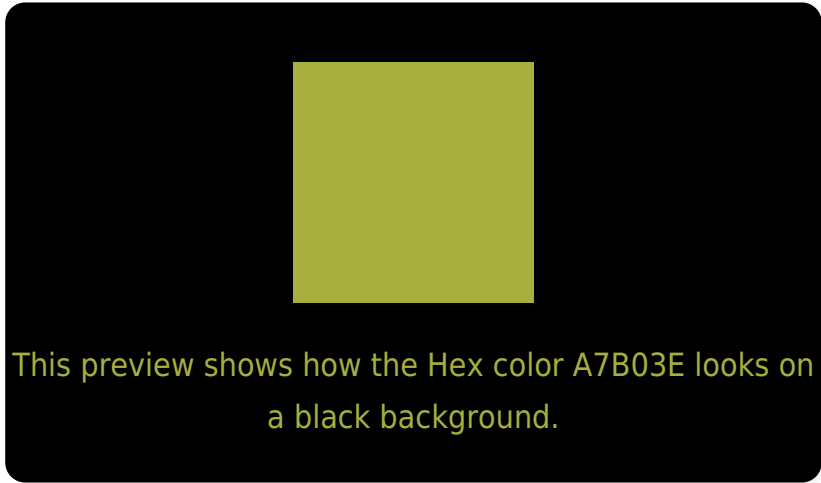
Large Text (above 18pt) WCAG AA × Fail

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 A7B03E Background



This preview shows how black text looks on a background with the Hex color A7B03E.



This preview shows how white text looks on a background with the Hex color A7B03E.

# 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**  
A7B03E

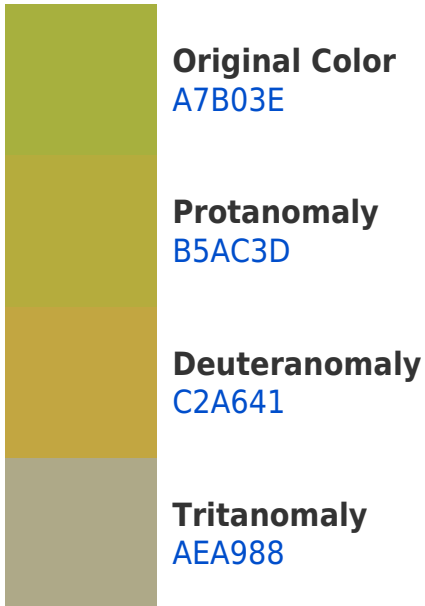
**Protanopia**  
BDA93C

**Deuteranopia**  
D2A043



**Tritanopia**  
B2A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B03E 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 #A7B03E looks like.

```
.text, #text, p{  
    color:#A7B03E  
}
```

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 #A7B03E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B03E
}
```

## Border

The CSS property to change the border of an element to Hex A7B03E 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
#A7B03E }
```

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

```
.border{ border-color:#A7B03E }
```

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

Here you see how a box with a 4 pixel #A7B03E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B03E; -webkit-box-shadow:4px 4px  
4px 4px #A7B03E; box-shadow:4px 4px 4px  
4px #A7B03E }
```

# Background

The CSS property to change the background color of an element to Hex A7B03E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B03E }
```

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

```
.background{ background-color:#A7B03E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor