

# Converting Colors

Hex(A7BB33)

Have a look what the booklet for  
Hex(A7BB33) contains.

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**Color**

**Hex(A7BB33)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7BB33                      |
| RGB         | 167, 187, 51                |
| RGB Percent | 65%, 73%, 20%               |
| CMY         | 0.3451, 0.2667, 0.8000      |
| CMYK        | 0.11, 0.00, 0.73, 0.27      |
| HSL         | 69°, 57%, 47%               |
| HSV         | 69°, 73%, 73%               |
| XYZ         | 34.3042, 43.9952, 9.8159    |
| YIQ         | 165.5160, 31.7360, -46.5360 |

# Conversions

## Conversions Part 2

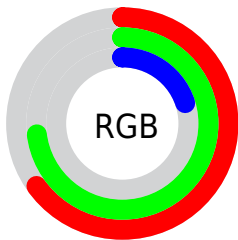
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 51, 187, 71                   |
| Decimal                             | 10992435                      |
| CIELab                              | 72.23, -24.29, 62.43          |
| CIElCh                              | 72, 66.993, 111.258           |
| Yxy                                 | 43.9952, 0.3893,<br>0.4993    |
| Android<br>(android.graphics.Color) | 4289182515<br>(0xFFA7BB33)    |
| YUV                                 | 165.5160, -56.4564,<br>1.3015 |
| Hunter-Lab                          | 66.3288, -23.7581,<br>37.6560 |

# Details

The Hex color **A7BB33** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **4733BB**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E1F36B**, and **6F8600** is the 20% darker color. If you saturate the color by 10%, you get **A4BB20**, and if you desaturate by 10%, it is **AABB46**.

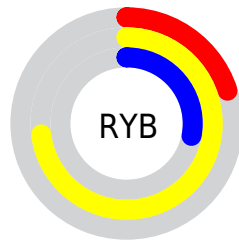
# Distribution



Red (65%)

Green (73%)

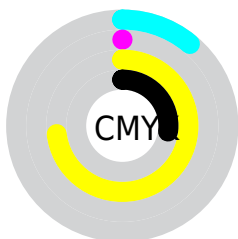
Blue (20%)



Red (20%)

Yellow (73%)

Blue (28%)

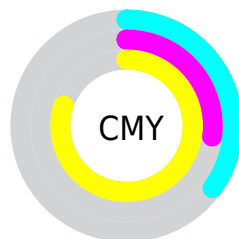


Cyan (11%)

Magenta (0%)

Yellow (73%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7BB33 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 A7BB33 by changing the saturation by 10% instead.



 A7BB33

 A7BB33

FFFFFF

 8BA010

 E1F36B

 6F8600

 FFFF86

 546D00

 FFFFA2

 3A5400

 FFFFBE

 1E3D00

 FFFFDB

 012700

 FFFFF8

 000F00

 000000

 A7BB33

 A7BB33

 A4BB20

 AAB B46

 A2BB0E

 AD B B58

 A0BB00

 AF B B6B

 B2BB7E

 B5BB91

 B8BBA3

 BABBB6

 BDBBC9

 C0BBDB

# Harmonies

## Analogous

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



E0A82D



A7BB33



5AC760

# Triad

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



A7BB33



00CAFF



FF7AC6

# Complementary

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



A7BB33



4733BB

# 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.



EA8EFE



A7BB33



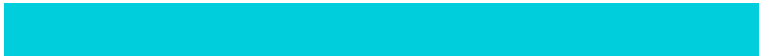
00BDFF

# Square

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



A7BB33



00CEDC



91A8FF



FF7B88

# Rectangle

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



A7BB33



00CC87



91A8FF



FF7FDA



# Sweetspot

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



A7BB33



EAF2BD



BB4533



767A5B



FAFAFA



7A7A7A



# Same Dimension

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



A7BB33



D3F21F



65BB33



5D5E55



879E00



1A1F00



# Inverse Universe

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



4733BB



3E1FF2



8933BB



56555E



17009E



04001F



# Previews

## White Background



This preview shows how the Hex color A7BB33 looks on a white background.

## Color Contrast Check

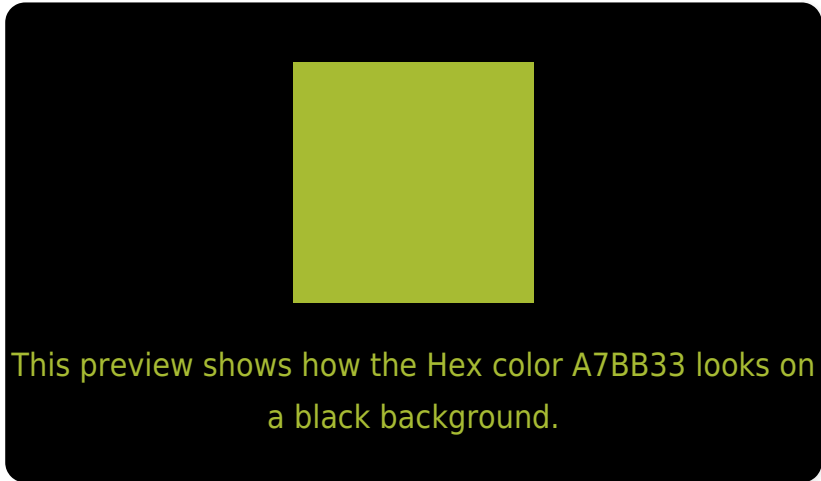
Large Text (above 18pt) WCAG AA × Fail

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 A7BB33 Background



This preview shows how black text looks on a background with the Hex color A7BB33.

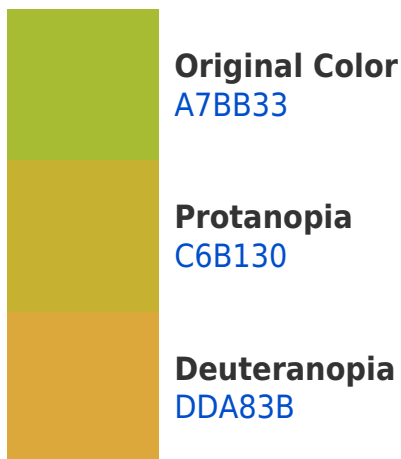


This preview shows how white text looks on a background with the Hex color A7BB33.

# 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](#).

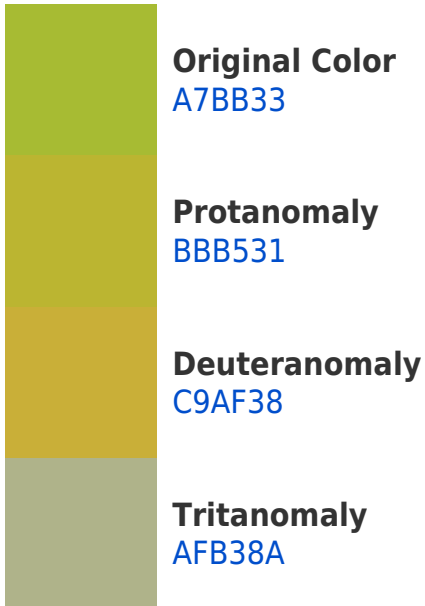
## Dichromacy





**Tritanopia**  
B4AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7BB33 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 #A7BB33 looks like.

```
.text, #text, p{  
    color:#A7BB33  
}
```

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 #A7BB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7BB33
}
```

## Border

The CSS property to change the border of an element to Hex A7BB33 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
#A7BB33 }
```

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

```
.border{ border-color:#A7BB33 }
```

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

Here you see how a box with a 4 pixel #A7BB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7BB33; -webkit-box-shadow:4px 4px  
4px 4px #A7BB33; box-shadow:4px 4px 4px  
4px #A7BB33 }
```

# Background

The CSS property to change the background color of an element to Hex A7BB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7BB33 }
```

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

```
.background{ background-color:#A7BB33 }
```

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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