

# Converting Colors

Hex(A1B370)

Have a look what the booklet for  
Hex(A1B370) contains.

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**Color**

**Hex(A1B370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1B370
RGB	161, 179, 112
RGB Percent	63%, 70%, 44%
CMY	0.3686, 0.2980, 0.5608
CMYK	0.10, 0.00, 0.37, 0.30
HSL	76°, 31%, 57%
HSV	76°, 37%, 70%
XYZ	33.7427, 40.9871, 21.4621
YIQ	165.9800, 10.7790, -24.6530

# Conversions

## Conversions Part 2

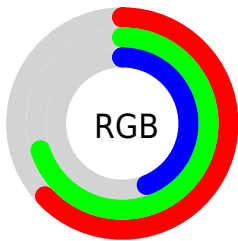
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 179, 130</a>
Decimal	<a href="#">10597232</a>
CIELab	<a href="#">70.17, -17.37, 32.17</a>
CIELCh	<a href="#">70, 36.559, 118.368</a>
Yxy	<a href="#">40.9871, 0.3508, 0.4261</a>
Android (android.graphics.Color)	<a href="#">4288787312 (0xFFA1B370)</a>
YUV	<a href="#">165.9800, -26.6121, -4.3675</a>
Hunter-Lab	<a href="#">64.0212, -17.9578, 24.9388</a>

# Details

The Hex color **A1B370** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8270B3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D9EBA5**, and **6C7E3F** is the 20% darker color. If you saturate the color by 10%, you get **9CB35E**, and if you desaturate by 10%, it is **A6B382**.

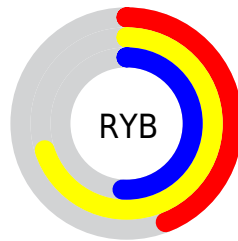
# Distribution



Red (63%)

Green (70%)

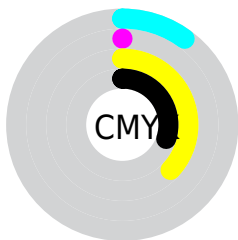
Blue (44%)



Red (44%)

Yellow (70%)

Blue (51%)

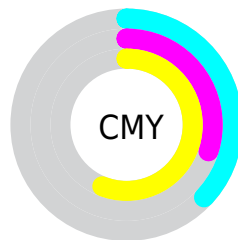


Cyan (10%)

Magenta (0%)

Yellow (37%)

Black (30%)



Cyan (37%)

Magenta (30%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1B370 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 A1B370 by changing the saturation by 10% instead.



 A1B370

 A1B370

FFFFFF

 869857

 D9EBA5

 6C7E3F

 F5FFC0

 536527

 FFFFDC

 3B4D10

 FFFFF9

 243600

 0B2100

 000100

 000000

 A1B370

 A1B370

9CB35E

A6B382

97B34C

ABB394

93B33A

AFB3A6

8EB328

B4B3B8

89B317

B9B3CA

84B305

BEB3DB

83B300

C3B3ED

C7B3FF

CCB3FF

# Harmonies

## Analogous

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



C3A969



A1B370



7ABA88

# Triad

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



A1B370



41B8E3



E992AF

# Complementary

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



A1B370



8270B3

# 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.



D498CF



A1B370



79AFED

# Square

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



A1B370



29BDCA



ADA4E6



EC948E

# Rectangle

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



A1B370



5DBD9D



ADA4E6



E493BA



# Sweetspot

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



A1B370



E1E8CF



B38270



717566



F5F5F5



757575



# Same Dimension

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



A1B370



CCE880



80B370



575950



709900



131A00



# Inverse Universe

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



8270B3



9C80E8



A370B3



535059



290099



07001A



# Previews

## White Background



This preview shows how the Hex color A1B370 looks on a white background.

## Color Contrast Check

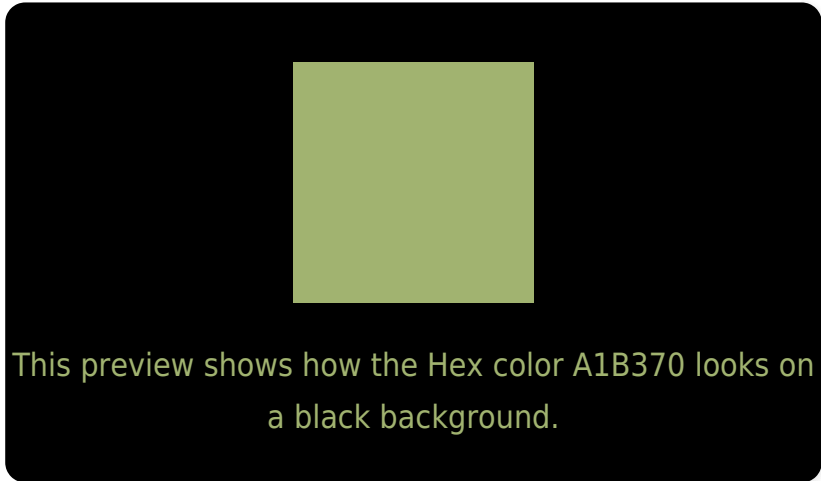
Large Text (above 18pt) WCAG AA × Fail

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

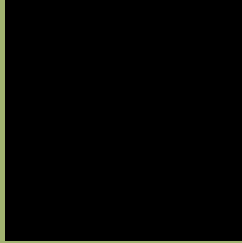
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1B370 Background



This preview shows how black text looks on a background with the Hex color A1B370.

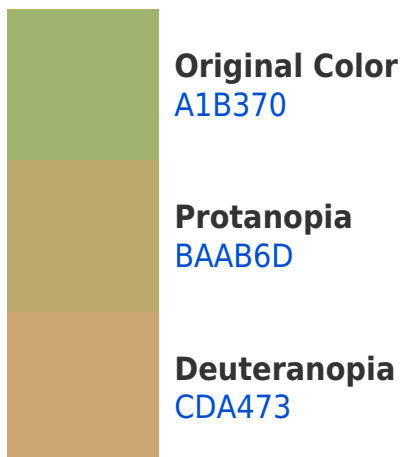


This preview shows how white text looks on a background with the Hex color A1B370.

# 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](#).

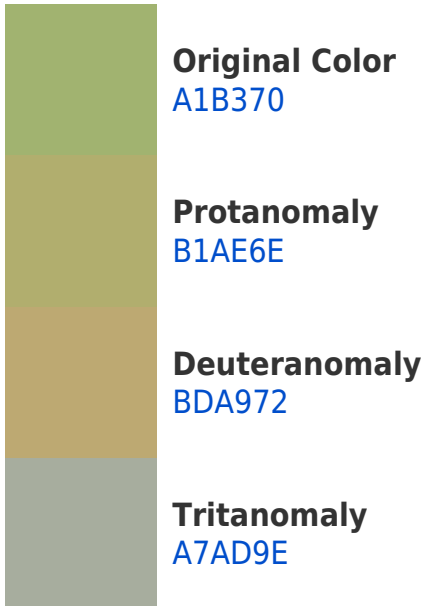
## Dichromacy





**Tritanopia**  
AAAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1B370 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 #A1B370 looks like.

```
.text, #text, p{  
    color:#A1B370  
}
```

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 #A1B370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1B370
}
```

## Border

The CSS property to change the border of an element to Hex A1B370 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
#A1B370 }
```

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

```
.border{ border-color:#A1B370 }
```

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

Here you see how a box with a 4 pixel #A1B370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1B370; -webkit-box-shadow:4px 4px  
4px 4px #A1B370; box-shadow:4px 4px 4px  
4px #A1B370 }
```

# Background

The CSS property to change the background color of an element to Hex A1B370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1B370 }
```

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

```
.background{ background-color:#A1B370 }
```

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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