

# Converting Colors

Hex(A0B446)

Have a look what the booklet for  
Hex(A0B446) contains.

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**Color**

**Hex(A0B446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0B446
RGB	160, 180, 70
RGB Percent	63%, 71%, 27%
CMY	0.3725, 0.2941, 0.7255
CMYK	0.11, 0.00, 0.61, 0.29
HSL	71°, 44%, 49%
HSV	71°, 61%, 71%
XYZ	31.9240, 40.5583, 11.9403
YIQ	161.4800, 23.3900, -38.4500

# Conversions

## Conversions Part 2

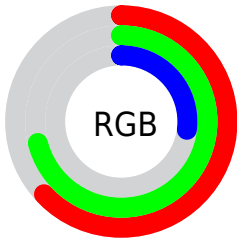
Format	Color
<a href="#">RYB</a>	<a href="#">70, 180, 90</a>
Decimal	<a href="#">10531910</a>
CIELab	<a href="#">69.87, -22.55, 52.31</a>
CIELCh	<a href="#">70, 56.967, 113.318</a>
Yxy	<a href="#">40.5583, 0.3781, 0.4804</a>
Android (android.graphics.Color)	<a href="#">4288721990 (0xFFA0B446)</a>
YUV	<a href="#">161.4800, -45.0996, -1.2980</a>
Hunter-Lab	<a href="#">63.6854, -21.9717, 33.4636</a>

# Details

The Hex color **A0B446** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5A46B4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D9EC7B**, and **6A7F0B** is the 20% darker color. If you saturate the color by 10%, you get **9DB434**, and if you desaturate by 10%, it is **A3B458**.

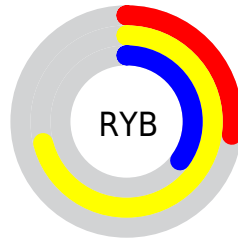
# Distribution



Red (63%)

Green (71%)

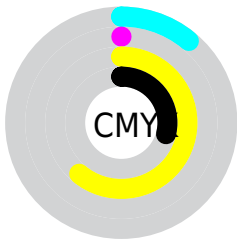
Blue (27%)



Red (27%)

Yellow (71%)

Blue (35%)

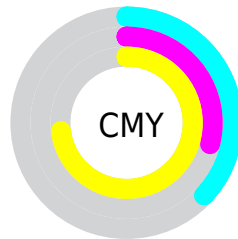


Cyan (11%)

Magenta (0%)

Yellow (61%)

Black (29%)



Cyan (37%)

Magenta (29%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0B446 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 A0B446 by changing the saturation by 10% instead.



 A0B446

 A0B446

FFFFFF

 84992B

 D9EC7B

 6A7F0B

 F6FF96

 4F6600

 FFFFB1

 364E00

 FFFFCE

 1C3700

 FFFFEA

 002200

 000000

 A0B446

 A0B446

 9DB434

 A3B458

99B422

A7B46A

96B410

AAB47C

93B400

ADB48E

B0B4A0

B4B4B2

B7B4C4

BAB4D6

BDB4E8

# Harmonies

## Analogous

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



D2A43F



A0B446



60BE6A

# Triad

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



A0B446



00BFFD



FF7EB9

# Complementary

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



A0B446



5A46B4

# 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.



DF8DE9



A0B446



00B4FF

# Square

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



A0B446



00C4D2



9AA2FF



FF8085

# Rectangle

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



A0B446



00C28B



9AA2FF



FB82CA



# Sweetspot

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



A0B446



E3EBC0



B45846



71755B



F5F5F5



757575



# Same Dimension

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



A0B446



CBEB3F



6BB446



585950



7D9900



151A00



# Inverse Universe

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



5A46B4



5E3FEB



8F46B4



525059



1C0099



05001A



# Previews

## White Background



This preview shows how the Hex color A0B446 looks on a white background.

## Color Contrast Check

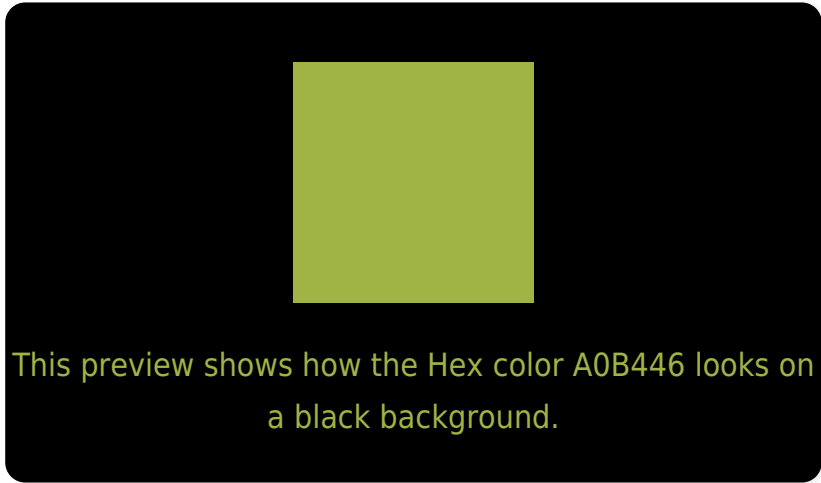
Large Text (above 18pt) WCAG AA × Fail

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 A0B446 Background



This preview shows how black text looks on a background with the Hex color A0B446.

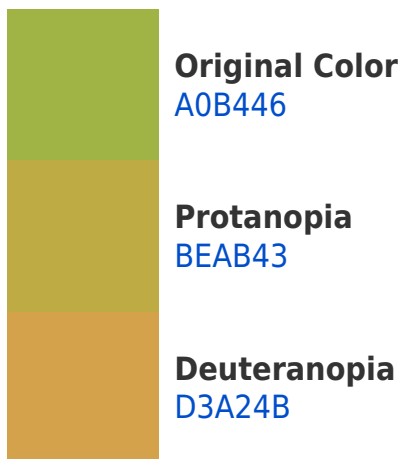


This preview shows how white text looks on a background with the Hex color A0B446.

# 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](#).

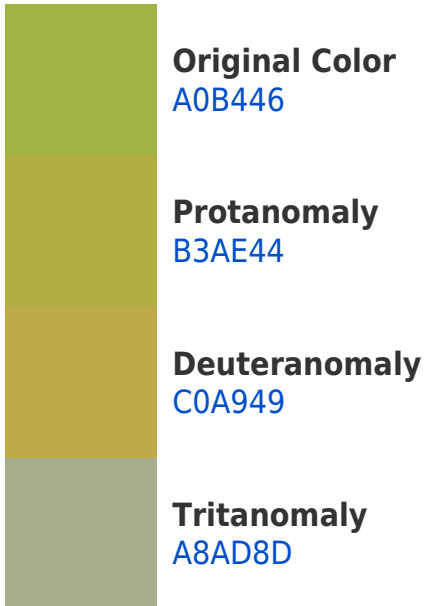
## Dichromacy



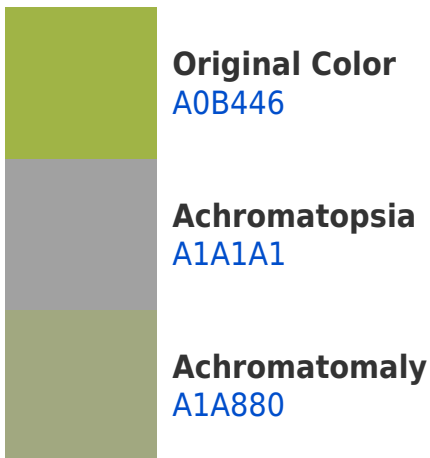


**Tritanopia**  
ACA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0B446 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 #A0B446 looks like.

```
.text, #text, p{  
    color:#A0B446  
}
```

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 #A0B446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0B446
}
```

## Border

The CSS property to change the border of an element to Hex A0B446 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
#A0B446 }
```

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

```
.border{ border-color:#A0B446 }
```

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

Here you see how a box with a 4 pixel #A0B446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0B446; -webkit-box-shadow:4px 4px  
4px 4px #A0B446; box-shadow:4px 4px 4px  
4px #A0B446 }
```

# Background

The CSS property to change the background color of an element to Hex A0B446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0B446 }
```

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

```
.background{ background-color:#A0B446 }
```

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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