

# Converting Colors

Hex(A3B000)

Have a look what the booklet for  
Hex(A3B000) contains.

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**Color**

**Hex(A3B000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3B000
RGB	163, 176, 0
RGB Percent	64%, 69%, 0%
CMY	0.3608, 0.3098, 1.0000
CMYK	0.07, 0.00, 1.00, 0.31
HSL	64°, 100%, 35%
HSV	64°, 100%, 69%
XYZ	30.6296, 38.8372, 5.8820
YIQ	152.0490, 48.7480, -57.4920

# Conversions

## Conversions Part 2

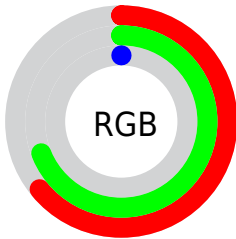
Format	Color
<b>RYB</b>	0, 176, 13
Decimal	10727424
CIELab	68.63, -22.00, 70.31
CIELCh	69, 73.676, 107.374
Yxy	38.8372, 0.4065, 0.5154
Android (android.graphics.Color)	4288917504 (0xFFA3B000)
YUV	152.0490, -74.9602, 9.6040
Hunter-Lab	62.3195, -21.3276, 38.0276

# Details

The Hex color **A3B000** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0D00B0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **DEE74E**, and **6B7C00** is the 20% darker color. If you saturate the color by 10%, you get **A3B000**, and if you desaturate by 10%, it is **A4B012**.

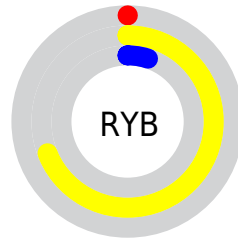
# Distribution



Red (64%)

Green (69%)

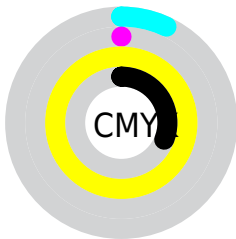
Blue (0%)



Red (0%)

Yellow (69%)

Blue (5%)

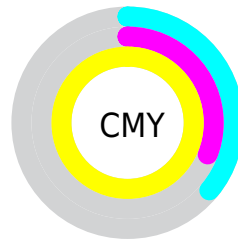


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (36%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3B000 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 A3B000 by changing the saturation by 10% instead.



 A3B000

 A3B000

FFFFFF

 879500

 DEE74E

 6B7C00

 FCFF6A

 4F6300

 FFFF86

 344B00

 FFFFA3

 193400

 FFFFBF

 002000

 FFFFDC

 000000

 FFFFFA

 A3B000

 A4B012

 A6B023

 A7B035

 A8B046

 AAB058

 ABB06A

 ACB07B

 ADB08D

 AFB09E

# Harmonies

## Analogous

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



DF9A08



A3B000



50BE46

# Triad

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



A3B000



00C3FF



FF68C7

# Complementary

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



A3B000



0D00B0

# 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.



DB84FF



A3B000



00B7FF

# Square

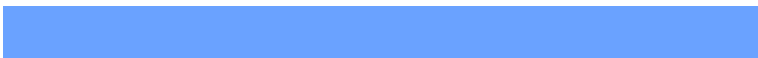
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A3B000



00C6CD



6AA2FF



FF6684

# Rectangle

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



A3B000



00C371



6AA2FF



FF70DC



# Sweetspot

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



A3B000



E0E6A1



B00C00



707349



F2F2F2



737373



# Same Dimension

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



A3B000



D5E600



4CB000



595950



8E9900



181A00



# Inverse Universe

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



0D00B0



1100E6



6400B0



515059



0B0099

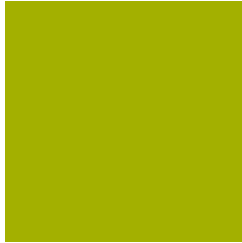


02001A



# Previews

## White Background



This preview shows how the Hex color A3B000 looks on a white background.

## Color Contrast Check

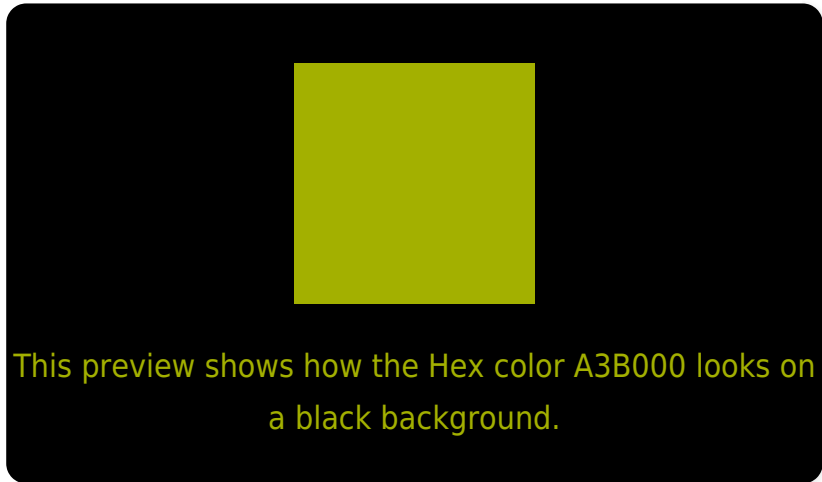
Large Text (above 18pt) WCAG AA × Fail

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 A3B000 Background



This preview shows how black text looks on a background with the Hex color A3B000.

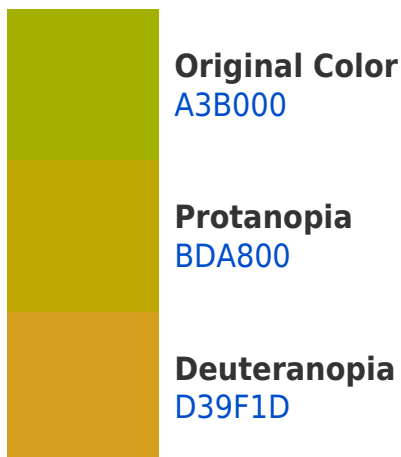


This preview shows how white text looks on a background with the Hex color A3B000.

# 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](#).

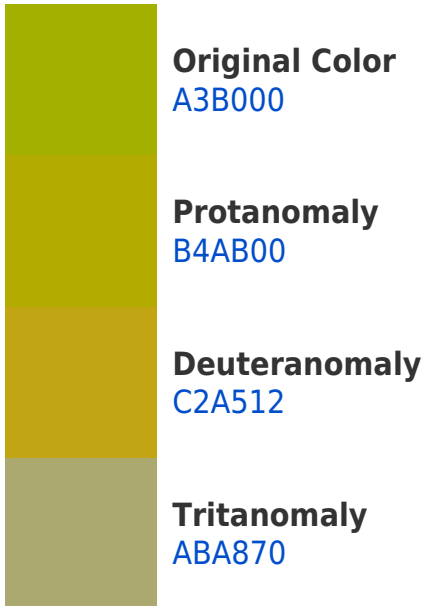
## Dichromacy





**Tritanopia**  
B0A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3B000 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 #A3B000 looks like.

```
.text, #text, p{  
    color:#A3B000  
}
```

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 #A3B000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3B000
}
```

## Border

The CSS property to change the border of an element to Hex A3B000 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
#A3B000 }
```

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

```
.border{ border-color:#A3B000 }
```

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

Here you see how a box with a 4 pixel #A3B000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3B000; -webkit-box-shadow:4px 4px  
4px 4px #A3B000; box-shadow:4px 4px 4px  
4px #A3B000 }
```

# Background

The CSS property to change the background color of an element to Hex A3B000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3B000 }
```

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

```
.background{ background-color:#A3B000 }
```

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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