

# Converting Colors

Hex(A3AB0A)

Have a look what the booklet for  
Hex(A3AB0A) contains.

<b>Hex(A3AB0A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A3AB0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3AB0A
RGB	163, 171, 10
RGB Percent	64%, 67%, 4%
CMY	0.3608, 0.3294, 0.9608
CMYK	0.05, 0.00, 0.94, 0.33
HSL	63°, 89%, 35%
HSV	63°, 94%, 67%
XYZ	29.7220, 36.9343, 5.8497
YIQ	150.2540, 46.9130, -51.7670

# Conversions

## Conversions Part 2

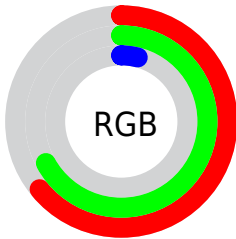
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 171, 18
Decimal	10726154
CIELab	67.23, -19.36, 68.03
CIElCh	67, 70.731, 105.887
Yxy	36.9343, 0.4099, 0.5094
Android (android.graphics.Color)	4288916234 (0xFFA3AB0A)
YUV	150.2540, -69.1452, 11.1782
Hunter-Lab	60.7736, -19.0564, 36.8346

# Details

The Hex color **A3AB0A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **120AAB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DDE250**, and **6B7700** is the 20% darker color. If you saturate the color by 10%, you get **A3AB00**, and if you desaturate by 10%, it is **A4AB1B**.

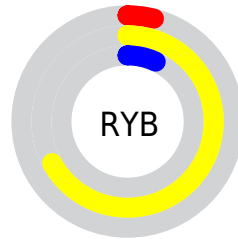
# Distribution



Red (64%)

Green (67%)

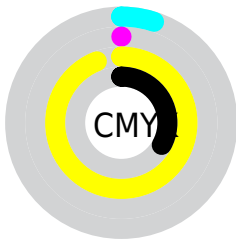
Blue (4%)



Red (4%)

Yellow (67%)

Blue (7%)

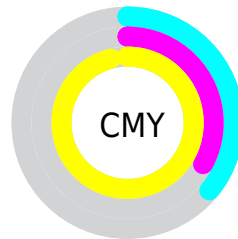


Cyan (5%)

Magenta (0%)

Yellow (94%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3AB0A 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 A3AB0A by changing the saturation by 10% instead.



 A3AB0A

 A3AB0A

FFFFFF

 879100

 DDE250

 6B7700

 FBFF6C

 505E00

 FFFF88

 354700

 FFFFA4

 1B3000

 FFFFC1

 001D00

 FFFFDE

 000000

 FFFFFB

 A3AB0A

 A3AB0A

 A3AB00

 A4AB1B

 A5AB2C

 A6AB3D

 A6AB4E

 A7AB5F

 A8AB71

 A9AB82

 AAAB93

 ABABA4

# Harmonies

## Analogous

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



DC9615



A3AB0A



57B944

# Triad

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



A3AB0A



00BEFE



FF69C5

# Complementary

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



A3AB0A



120AAB

# 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.



D183FD



A3AB0A



00B3FF

# Square

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



A3AB0A



00C1C5



629FFF



FF6585

# Rectangle

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



A3AB0A



00BE6D



629FFF



FA70D9



# Sweetspot

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



A3AB0A



DBDEA0



AB0F0A



6E704A



F0F0F0



707070



# Same Dimension

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



A3AB0A



D3DE00



55AB0A



56574E



8F9600



161700



# Inverse Universe

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



120AAB



0B00DE



600AAB



4E4E57



070096



010017



# Previews

## White Background



This preview shows how the Hex color A3AB0A looks on a white background.

## Color Contrast Check

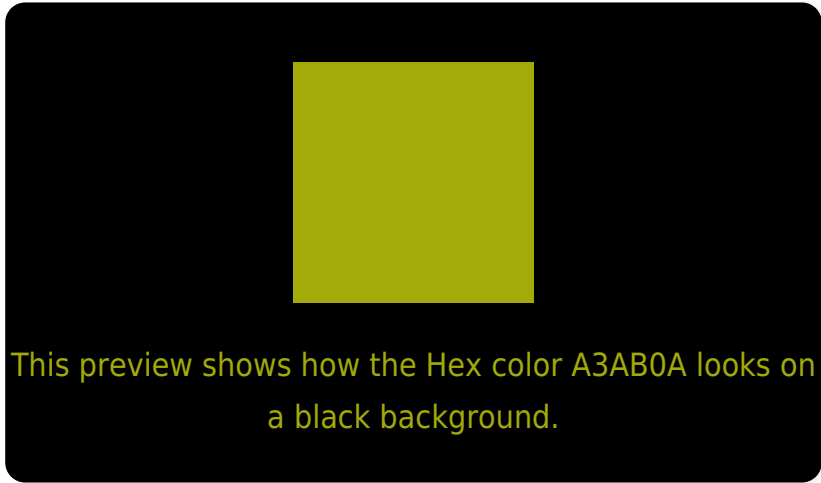
Large Text (above 18pt) WCAG AA × Fail

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 A3AB0A Background



This preview shows how black text looks on a background with the Hex color A3AB0A.



This preview shows how white text looks on a background with the Hex color A3AB0A.

# 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**  
A3AB0A

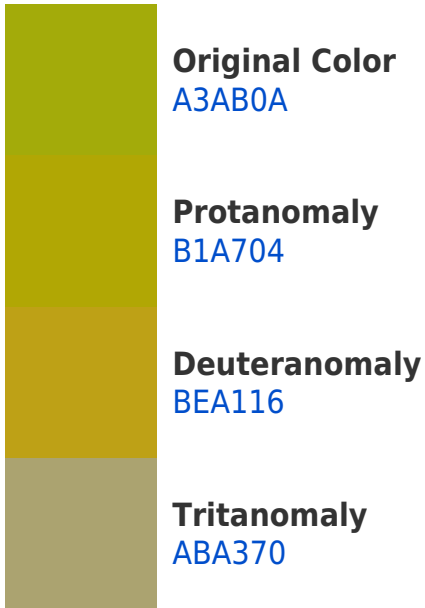
**Protanopia**  
B9A400

**Deuteranopia**  
CE9B1D

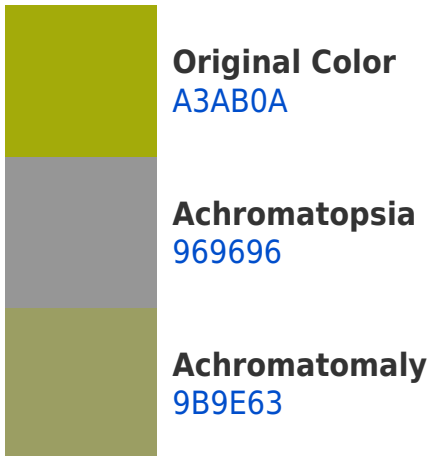


**Tritanopia**  
AF9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3AB0A 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 #A3AB0A looks like.

```
.text, #text, p{  
    color:#A3AB0A  
}
```

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 #A3AB0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AB0A
}
```

## Border

The CSS property to change the border of an element to Hex A3AB0A 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
#A3AB0A }
```

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

```
.border{ border-color:#A3AB0A }
```

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

Here you see how a box with a 4 pixel #A3AB0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AB0A; -webkit-box-shadow:4px 4px  
4px 4px #A3AB0A; box-shadow:4px 4px 4px  
4px #A3AB0A }
```

# Background

The CSS property to change the background color of an element to Hex A3AB0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AB0A }
```

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

```
.background{ background-color:#A3AB0A }
```

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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