

# Converting Colors

Hex(A3A309)

Have a look what the booklet for  
Hex(A3A309) contains.

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**Color**

**Hex(A3A309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3A309
RGB	163, 163, 9
RGB Percent	64%, 64%, 4%
CMY	0.3608, 0.3608, 0.9647
CMYK	0.00, 0.00, 0.94, 0.36
HSL	60°, 90%, 34%
HSV	60°, 94%, 64%
XYZ	28.2508, 34.0006, 5.3323
YIQ	145.4440, 49.4340, -47.8940

# Conversions

## Conversions Part 2

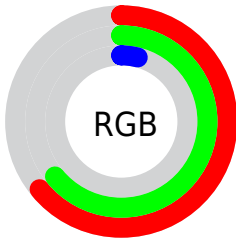
Format	Color
R <sub>Y</sub> B	9, 163, 9
Decimal	10724105
CIE Lab	64.96, -15.30, 66.42
CIE LCh	65, 68.158, 102.969
Yxy	34.0006, 0.4180, 0.5031
Android (android.graphics.Color)	4288914185 (0xFFA3A309)
YUV	145.4440, -67.2669, 15.3966
Hunter-Lab	58.3101, -15.5608, 35.3952

# Details

The Hex color **A3A309** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0909A3**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DDDA4E**, and **6B7000** is the 20% darker color. If you saturate the color by 10%, you get **A3A300**, and if you desaturate by 10%, it is **A3A319**.

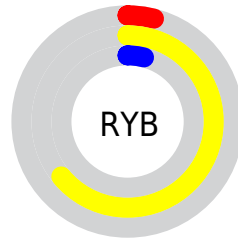
# Distribution



Red (64%)

Green (64%)

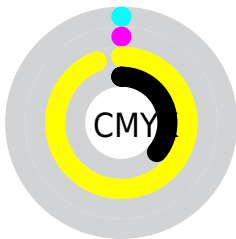
Blue (4%)



Red (4%)

Yellow (64%)

Blue (4%)

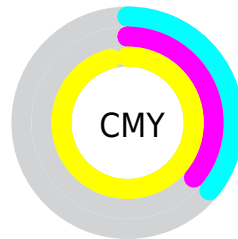


Cyan (0%)

Magenta (0%)

Yellow (94%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3A309 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 A3A309 by changing the saturation by 10% instead.



 A3A309

 A3A309

FFFFFF

 878900

 DDDA4E

 6B7000

 FBF66A

 505700

 FFFF86

 354000

 FFFFA2

 1C2A00

 FFFFBE

 001800

 FFFFDB

 000000

 FFFFF8

 A3A309

 A3A309

 A3A300

 A3A319

 A3A32A

 A3A33A

 A3A34A

 A3A35A

 A3A36B

 A3A37B

 A3A38B

 A3A39C

# Harmonies

## Analogous

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



D88E1B



A3A309



5DB13D

# Triad

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



A3A309



00B8F0



FA68C3

# Complementary

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



A3A309



0909A3

# 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.



C281F8



A3A309



00AEFF

# Square

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



A3A309



00BAB7



4D9CFF



FF6186

# Rectangle

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



A3A309



00B663



4D9CFF



EC6FD6



# Sweetspot

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



A3A309



D4D498



A30909



6B6B47



EBEBEB



6B6B6B



# Same Dimension

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



A3A309



D4D400



56A309



525249



919100



121200



# Inverse Universe

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



0909A3



0000D4



5609A3



494952



000091



000012



# Previews

## White Background



This preview shows how the Hex color A3A309 looks on a white background.

## Color Contrast Check

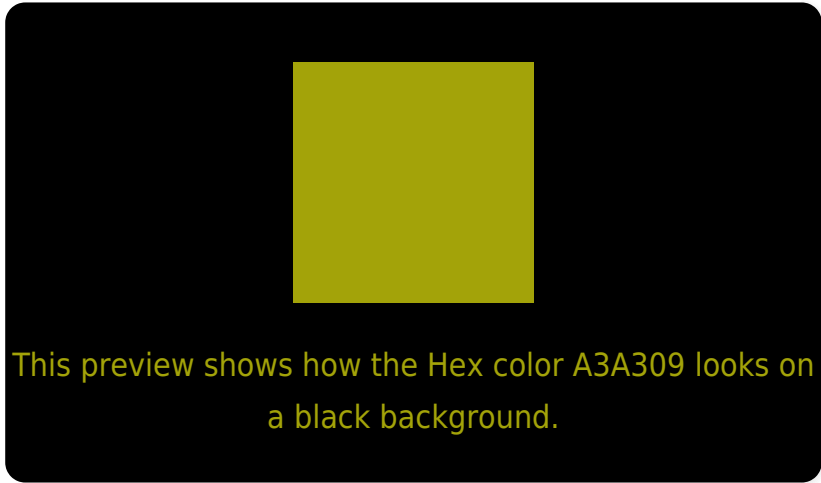
Large Text (above 18pt) WCAG AA × Fail

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

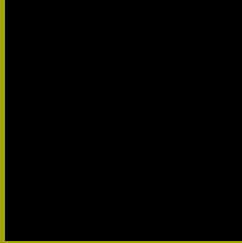
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A3A309 Background



This preview shows how black text looks on a background with the Hex color A3A309.



This preview shows how white text looks on a background with the Hex color A3A309.

# 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**  
A3A309

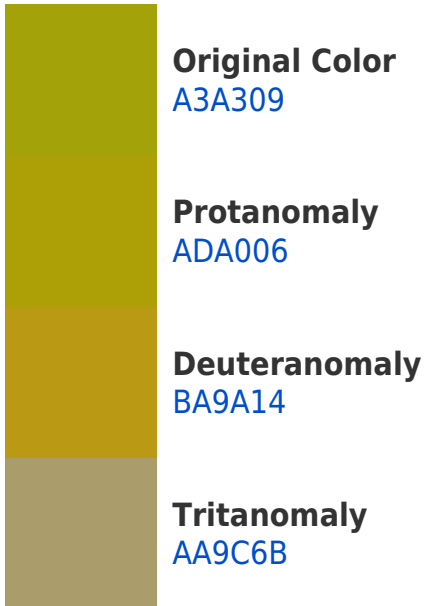
**Protanopia**  
B29E04

**Deuteranopia**  
C7951A

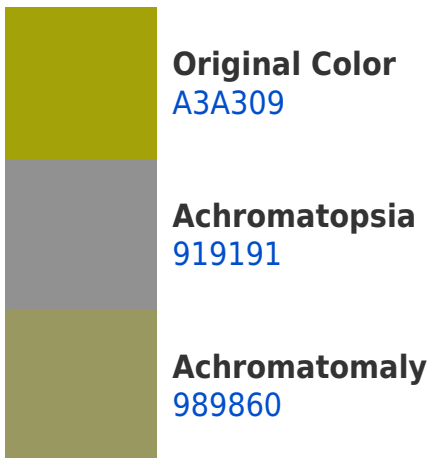


**Tritanopia**  
AE98A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3A309 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 #A3A309 looks like.

```
.text, #text, p{  
    color:#A3A309  
}
```

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 #A3A309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3A309
}
```

## Border

The CSS property to change the border of an element to Hex A3A309 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
#A3A309 }
```

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

```
.border{ border-color:#A3A309 }
```

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

Here you see how a box with a 4 pixel #A3A309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3A309; -webkit-box-shadow:4px 4px  
4px 4px #A3A309; box-shadow:4px 4px 4px  
4px #A3A309 }
```

# Background

The CSS property to change the background color of an element to Hex A3A309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3A309 }
```

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

```
.background{ background-color:#A3A309 }
```

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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