

# Converting Colors

Hex(A0AA1B)

Have a look what the booklet for  
Hex(A0AA1B) contains.

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# Color

Hex(A0AA1B)

# Conversions

## Conversions Part 1

Format	Color
Hex	A0AA1B
RGB	160, 170, 27
RGB Percent	63%, 67%, 11%
CMY	0.3725, 0.3333, 0.8941
CMYK	0.06, 0.00, 0.84, 0.33
HSL	64°, 73%, 39%
HSV	64°, 84%, 67%
XYZ	29.0698, 36.3022, 6.5118
YIQ	150.7080, 39.9430, -46.5930

# Conversions

## Conversions Part 2

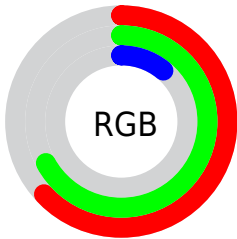
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 170, 37
Decimal	10529307
CIE <sub>Lab</sub>	66.75, -19.80, 64.46
CIE <sub>LCh</sub>	67, 67.434, 107.079
Yxy	36.3022, 0.4044, 0.5050
Android (android.graphics.Color)	4288719387 (0xFFA0AA1B)
YUV	150.7080, -60.9880, 8.1491
Hunter-Lab	60.2513, -19.3179, 35.7680

# Details

The Hex color **A0AA1B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **251BAA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DAE157**, and **687600** is the 20% darker color. If you saturate the color by 10%, you get **9FAA0A**, and if you desaturate by 10%, it is **A1AA2C**.

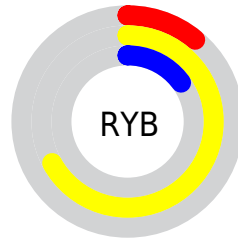
# Distribution



Red (63%)

Green (67%)

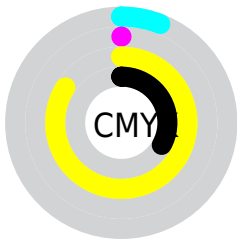
Blue (11%)



Red (11%)

Yellow (67%)

Blue (15%)

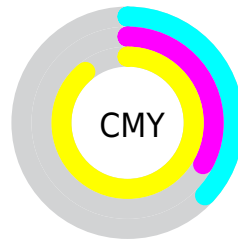


Cyan (6%)

Magenta (0%)

Yellow (84%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0AA1B 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 A0AA1B by changing the saturation by 10% instead.



 A0AA1B

 A0AA1B

FFFFFF

 849000

 DAE157

 687600

 F8FE73

 4E5D00

 FFFF8F

 334600

 FFFFAB

 193000

 FFFFC7

 001C00

 FFFF E4

 000000

 A0AA1B

 A0AA1B

 9FAA0A

 A1AA2C

■ 9EAA00

■ A2AA3D

■ A4AA4E

■ A5AA5F

■ A6AA70

■ A7AA81

■ A8AA92

■ AAAAA3

■ ABAAB4

# Harmonies

## Analogous

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



D7961E



A0AA1B



57B74A

# Triad

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



A0AA1B



00BBFA



FF6BBF

# Complementary

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



A0AA1B



251BAA

# 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.



D183F6



A0AA1B



00B1FF

# Square

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



A0AA1B



00BFC4



6D9DFF



FF6982

# Rectangle

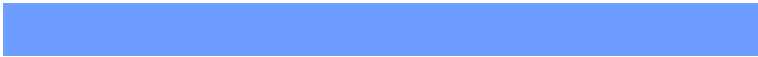
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A0AA1B



00BC71



6D9DFF



F672D3



# Sweetspot

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



A0AA1B



DADEA6



AA251B



6E704F



F0F0F0



707070



# Same Dimension

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



A0AA1B



CEDE00



59AA1B



54544C



8A9400



131400



# Inverse Universe

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



251BAA



1000DE



6C1BAA



4C4C54



0A0094



010014



# Previews

## White Background



This preview shows how the Hex color A0AA1B looks on a white background.

## Color Contrast Check

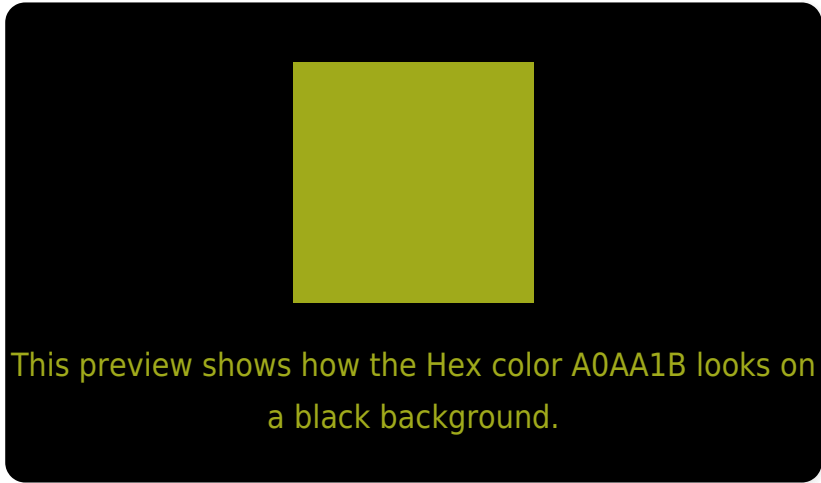
Large Text (above 18pt) WCAG AA × Fail

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 A0AA1B Background



This preview shows how black text looks on a background with the Hex color A0AA1B.



This preview shows how white text looks on a background with the Hex color A0AA1B.

# 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**  
A0AA1B

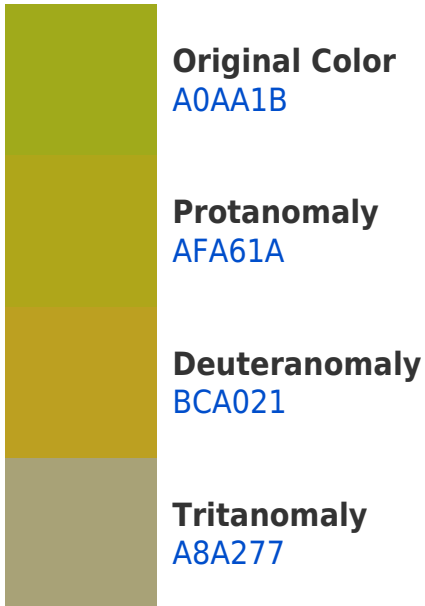
**Protanopia**  
B7A319

**Deuteranopia**  
CC9A25

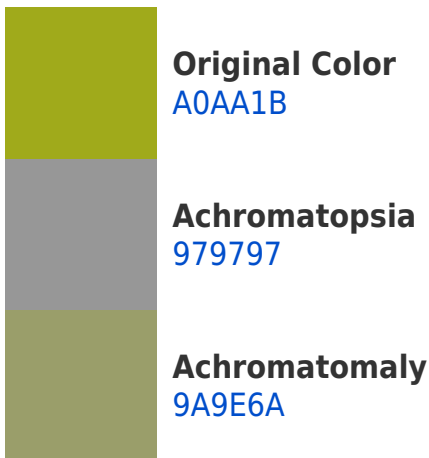


**Tritanopia**  
AC9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0AA1B 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 #A0AA1B looks like.

```
.text, #text, p{  
    color:#A0AA1B  
}
```

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 #A0AA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AA1B  
}
```

## Border

The CSS property to change the border of an element to Hex A0AA1B 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  
#A0AA1B }
```

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

```
.border{ border-color:#A0AA1B }
```

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

Here you see how a box with a 4 pixel #A0AA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AA1B; -webkit-box-shadow:4px 4px  
4px 4px #A0AA1B; box-shadow:4px 4px 4px  
4px #A0AA1B }
```

# Background

The CSS property to change the background color of an element to Hex A0AA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AA1B }
```

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

```
.background{ background-color:#A0AA1B }
```

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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