

# Converting Colors

Hex(A9B81B)

Have a look what the booklet for  
Hex(A9B81B) contains.

<b>Hex(A9B81B)</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(A9B81B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9B81B
RGB	169, 184, 27
RGB Percent	66%, 72%, 11%
CMY	0.3373, 0.2784, 0.8941
CMYK	0.08, 0.00, 0.85, 0.28
HSL	66°, 74%, 41%
HSV	66°, 85%, 72%
XYZ	33.7005, 42.7951, 7.5210
YIQ	161.6170, 41.4570, -52.0070

# Conversions

## Conversions Part 2

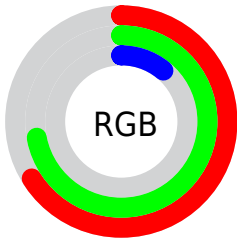
Format	Color
R <sub>YB</sub>	27, 184, 42
Decimal	11122715
CIE Lab	71.42, -22.90, 68.66
CIE LCh	71, 72.375, 108.447
Yxy	42.7951, 0.4011, 0.5094
Android (android.graphics.Color)	4289312795 (0xFFA9B81B)
YUV	161.6170, -66.3662, 6.4749
Hunter-Lab	65.4180, -22.5260, 38.9761

# Details

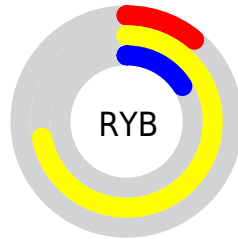
The Hex color **A9B81B** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2A1BB8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E4F05A**, and **708300** is the 20% darker color. If you saturate the color by 10%, you get **A7B809**, and if you desaturate by 10%, it is **ABB82D**.

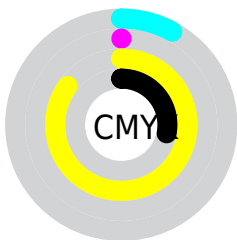
# Distribution



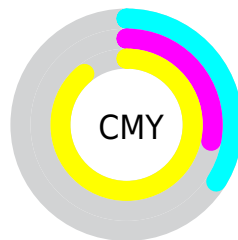
- Red (66%)
- Green (72%)
- Blue (11%)



- Red (11%)
- Yellow (72%)
- Blue (16%)



- Cyan (8%)
- Magenta (0%)
- Yellow (85%)
- Black (28%)



- Cyan (34%)
- Magenta (28%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9B81B 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 A9B81B by changing the saturation by 10% instead.



 A9B81B

 A9B81B

FFFFFF

 8C9D00

 E4F05A

 708300

 FFFF76

 556A00

 FFFF92

 3A5200

 FFFFAE

 1F3B00

 FFFFCB

 022500

 FFFFEB

 000A00

 000000

 A9B81B

 A9B81B

 A7B809

 ABB82D

 A6B800

 ADB840

 AEB852

 B0B865

 B2B877

 B4B889

 B5B89C

 B7B8AE

 B9B8C1

# Harmonies

## Analogous

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



E5A31B



A9B81B



57C551

# Triad

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



A9B81B



00CAFF



FF72CB

# Complementary

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



A9B81B



2A1BB8

# 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.



E58BFF



A9B81B



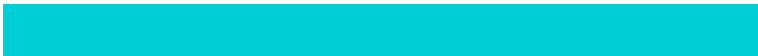
00BEFF

# Square

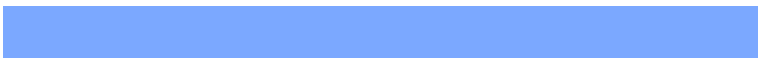
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A9B81B



00CED7



7BA8FF



FF7089

# Rectangle

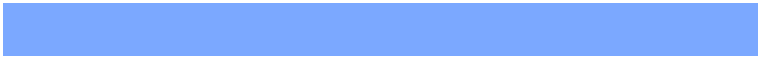
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A9B81B



00CB7C



7BA8FF



FF78E1



# Sweetspot

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



A9B81B



EAF0B1



B8281B



747853



F7F7F7



787878



# Same Dimension

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



A9B81B



D9F000



5CB81B



5B5C53



8D9C00



191C00



# Inverse Universe

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



2A1BB8



1700F0



771BB8



53535C



0F009C



03001C



# Previews

## White Background



This preview shows how the Hex color A9B81B looks on a white background.

## Color Contrast Check

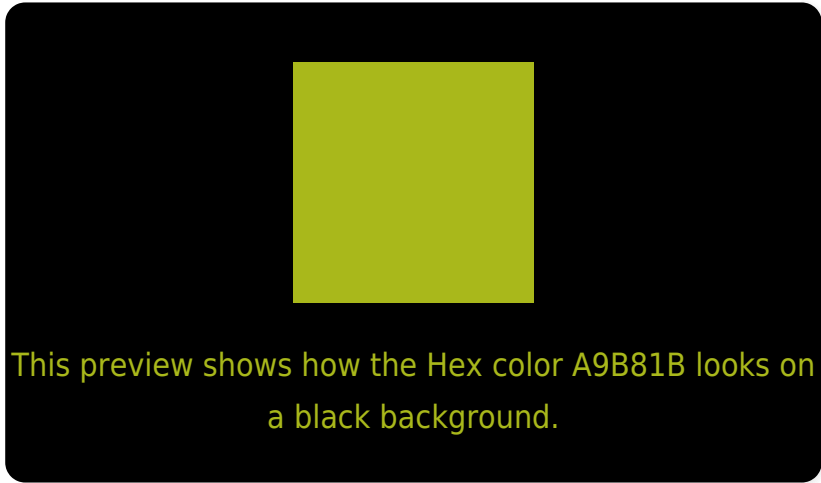
Large Text (above 18pt) WCAG AA × Fail

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 A9B81B Background



This preview shows how black text looks on a background with the Hex color A9B81B.



This preview shows how white text looks on a background with the Hex color A9B81B.

# 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**  
A9B81B

**Protanopia**  
C5AF18

**Deuteranopia**  
DCA627



**Tritanopia**  
B6ABB9

# Trichromacy



**Original Color**  
A9B81B

**Protanomaly**  
BBB219

**Deuteranomaly**  
C9AD23

**Tritanomaly**  
B1B080

# Monochromacy



**Original Color**  
A9B81B

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A5AA71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9B81B 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 #A9B81B looks like.

```
.text, #text, p{  
    color:#A9B81B  
}
```

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 #A9B81B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9B81B
}
```

## Border

The CSS property to change the border of an element to Hex A9B81B 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
#A9B81B }
```

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

```
.border{ border-color:#A9B81B }
```

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

Here you see how a box with a 4 pixel #A9B81B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9B81B; -webkit-box-shadow:4px 4px  
4px 4px #A9B81B; box-shadow:4px 4px 4px  
4px #A9B81B }
```

# Background

The CSS property to change the background color of an element to Hex A9B81B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9B81B }
```

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

```
.background{ background-color:#A9B81B }
```

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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