

# Converting Colors

Hex(A9A63A)

Have a look what the booklet for  
Hex(A9A63A) contains.

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# **Color**

**Hex(A9A63A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9A63A
RGB	169, 166, 58
RGB Percent	66%, 65%, 23%
CMY	0.3373, 0.3490, 0.7725
CMYK	0.00, 0.02, 0.66, 0.34
HSL	58°, 49%, 45%
HSV	58°, 66%, 66%
XYZ	30.7621, 36.0129, 9.3328
YIQ	154.5850, 36.4560, -32.9520

# Conversions

## Conversions Part 2

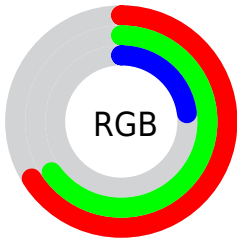
Format	Color
<a href="#">RYB</a>	<a href="#">61, 169, 58</a>
Decimal	<a href="#">11118138</a>
CIELab	<a href="#">66.53, -12.44, 54.11</a>
CIELCh	<a href="#">67, 55.522, 102.948</a>
Yxy	<a href="#">36.0129, 0.4042, 0.4732</a>
Android (android.graphics.Color)	<a href="#">4289308218</a> ( <a href="#">0xFFA9A63A</a> )
YUV	<a href="#">154.5850, -47.6164, 12.6420</a>
Hunter-Lab	<a href="#">60.0108, -13.5180, 32.7868</a>

# Details

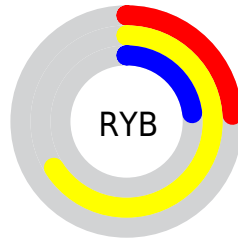
The Hex color **A9A63A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A3DA9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E3DD6F**, and **727200** is the 20% darker color. If you saturate the color by 10%, you get **A9A629**, and if you desaturate by 10%, it is **A9A64B**.

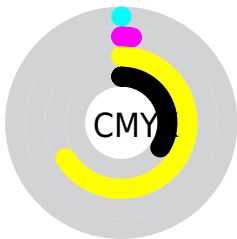
# Distribution



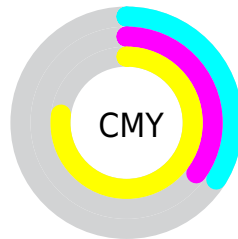
- Red (66%)
- Green (65%)
- Blue (23%)



- Red (24%)
- Yellow (66%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (66%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9A63A 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 A9A63A by changing the saturation by 10% instead.



 A9A63A

 A9A63A

FFFFFF

 8D8C1E

 E3DD6F

 727200

 FFF98A

 575A00

 FFFFA5

 3D4300

 FFFFC1

 242D00

 FFFFDD

 041900

 FFFFFB

 000000

 A9A63A

 A9A63A

 A9A629

 A9A64B

 A9A518

 A9A75C

 A9A507

 A9A76D

 A9A400

 A9A87E

 A9A88E

 A9A99F

 A9A9B0

 A9AAC1

 A9AAD2

# Harmonies

## Analogous

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



D5953F



A9A63A



72B255

# Triad

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



A9A63A



00B8E5



EF7AC0

# Complementary

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



A9A63A



3A3DA9

# 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.



C18CEB



A9A63A



00AFFF

# Square

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



A9A63A



00BBB7



70A0FF



FE768E

# Rectangle

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



A9A63A



3CB772



70A0FF



E37FD0



# Sweetspot

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



A9A63A



DBDAAF



A93A3E



6E6D53



EDEDED



6E6E6E



# Same Dimension

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



A9A63A



DBD72E



75A93A



54544C



949000



141400



# Inverse Universe

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



3A3DA9



2E33DB



6E3AA9



4C4C54



000494



000114



# Previews

## White Background



This preview shows how the Hex color A9A63A looks on a white background.

## Color Contrast Check

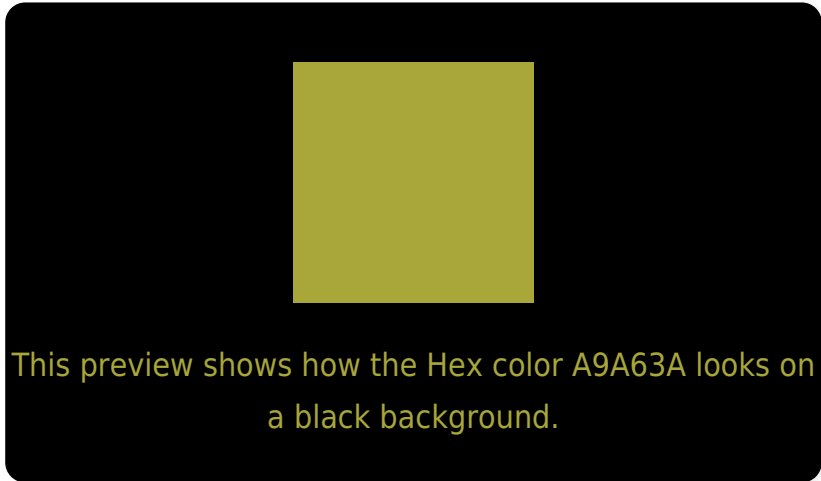
Large Text (above 18pt) WCAG AA × Fail

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 A9A63A Background



This preview shows how black text looks on a background with the Hex color A9A63A.

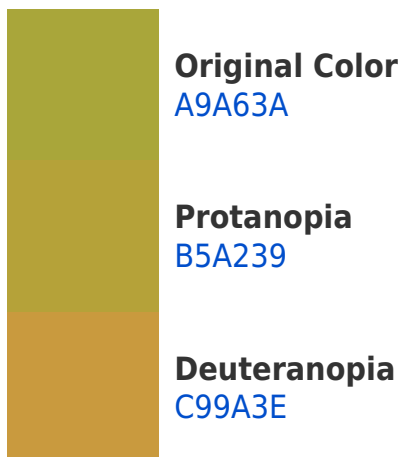


This preview shows how white text looks on a background with the Hex color A9A63A.

# 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](#).

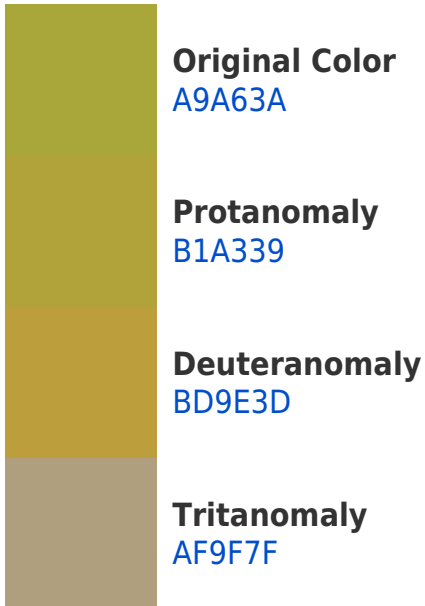
## Dichromacy



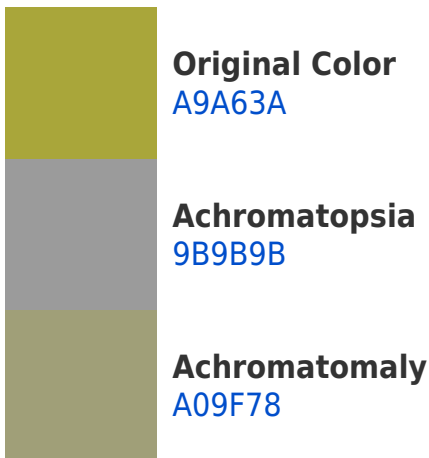


**Tritanopia**  
B39BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9A63A 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 #A9A63A looks like.

```
.text, #text, p{  
    color:#A9A63A  
}
```

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 #A9A63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9A63A
}
```

## Border

The CSS property to change the border of an element to Hex A9A63A 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
#A9A63A }
```

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

```
.border{ border-color:#A9A63A }
```

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

Here you see how a box with a 4 pixel #A9A63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9A63A; -webkit-box-shadow:4px 4px  
4px 4px #A9A63A; box-shadow:4px 4px 4px  
4px #A9A63A }
```

# Background

The CSS property to change the background color of an element to Hex A9A63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9A63A }
```

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

```
.background{ background-color:#A9A63A }
```

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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