

# Converting Colors

Hex(ADA631)

Have a look what the booklet for  
Hex(ADA631) contains.

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# Color

**Hex(ADA631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADA631
RGB	173, 166, 49
RGB Percent	68%, 65%, 19%
CMY	0.3216, 0.3490, 0.8078
CMYK	0.00, 0.04, 0.72, 0.32
HSL	57°, 56%, 44%
HSV	57°, 72%, 68%
XYZ	31.4242, 36.3784, 8.2712
YIQ	154.7550, 41.7290, -34.9030

# Conversions

## Conversions Part 2

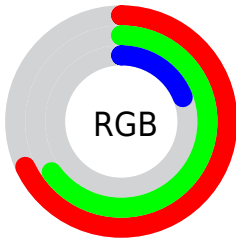
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">56, 173, 49</a>
Decimal	<a href="#">11380273</a>
CIELab	<a href="#">66.81, -11.19, 58.07</a>
CIElCh	<a href="#">67, 59.139, 100.912</a>
Yxy	<a href="#">36.3784, 0.4131, 0.4782</a>
Android (android.graphics.Color)	<a href="#">4289570353 (0xFFADA631)</a>
YUV	<a href="#">154.7550, -52.1372, 16.0009</a>
Hunter-Lab	<a href="#">60.3145, -12.5510, 34.0894</a>

# Details

The Hex color **ADA631** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3138AD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E7DD67**, and **757200** is the 20% darker color. If you saturate the color by 10%, you get **ADA520**, and if you desaturate by 10%, it is **ADA742**.

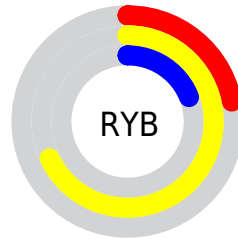
# Distribution



Red (68%)

Green (65%)

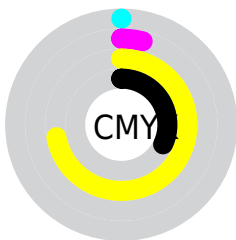
Blue (19%)



Red (22%)

Yellow (68%)

Blue (19%)

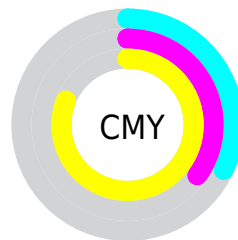


Cyan (0%)

Magenta (4%)

Yellow (72%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADA631 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 ADA631 by changing the saturation by 10% instead.



■ ADA631

■ ADA631

FFFFFF

■ 918C11

■ E7DD67

■ 757200

■ FFF982

■ 5A5A00

■ FFFF9D

■ 404300

■ FFFFB9

■ 262D00

■ FFFFDD

■ 091900

■ FFFFF3

■ 000000

■ ADA631

■ ADA631

■ ADA520

■ ADA742

■ ADA40E

■ ADA854

■ ADA300

■ ADA965

■ ADAA76

■ ADAB88

■ ADAC99

■ ADADAA

■ ADAEBB

■ ADAFCD

# Harmonies

## Analogous

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



DB933A



ADA631



73B34D

# Triad

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



ADA631



00BAE7



F278C7

# Complementary

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



ADA631



3138AD

# 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.



BF8CF3



ADA631



00B2FF

# Square

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



ADA631



00BDB5



61A2FF



FF7291

# Rectangle

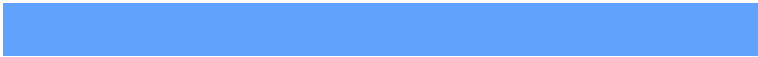
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ADA631



39B86C



61A2FF



E47ED7



# Sweetspot

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



ADA631



E0DEAF



AD3139



706F53



F0F0F0



707070



# Same Dimension

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



ADA631



E0D61F



77AD31



57564E



968E00



171600



# Inverse Universe

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



3138AD



1F2AE0



6731AD



4E4F57



000896



000117



# Previews

## White Background



This preview shows how the Hex color ADA631 looks on a white background.

## Color Contrast Check

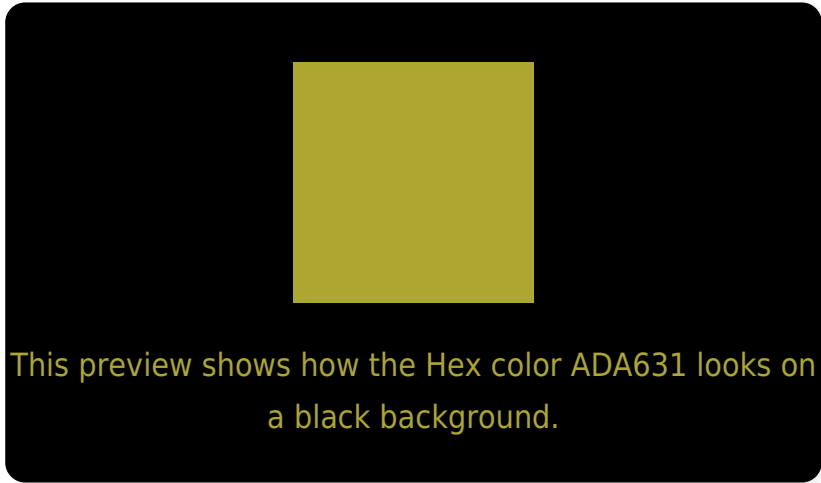
Large Text (above 18pt) WCAG AA × Fail

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 ADA631 Background



This preview shows how black text looks on a background with the Hex color ADA631.



This preview shows how white text looks on a background with the Hex color ADA631.

# 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**  
ADA631

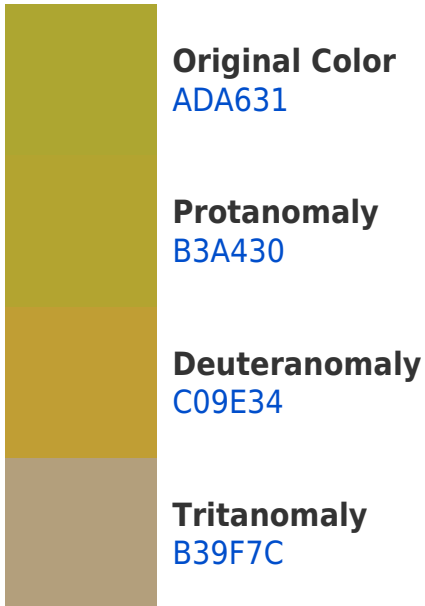
**Protanopia**  
B6A330

**Deuteranopia**  
CB9A35

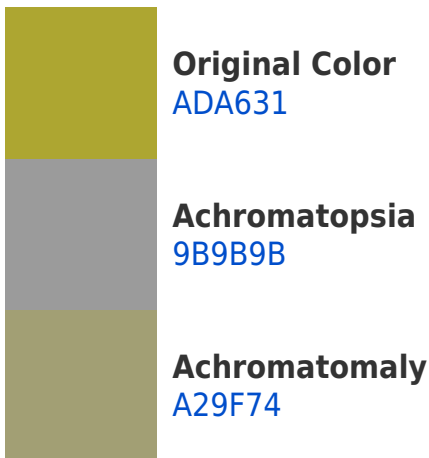


**Tritanopia**  
B79BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADA631 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 #ADA631 looks like.

```
.text, #text, p{  
    color:#ADA631  
}
```

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 #ADA631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADA631  
}
```

## Border

The CSS property to change the border of an element to Hex ADA631 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  
#ADA631 }
```

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

```
.border{ border-color:#ADA631 }
```

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

Here you see how a box with a 4 pixel #ADA631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADA631; -webkit-box-shadow:4px 4px  
4px 4px #ADA631; box-shadow:4px 4px 4px  
4px #ADA631 }
```

# Background

The CSS property to change the background color of an element to Hex ADA631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADA631 }
```

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

```
.background{ background-color:#ADA631 }
```

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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