

# Converting Colors

Hex(ADAA21)

Have a look what the booklet for  
Hex(ADAA21) contains.

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# **Color**

**Hex(ADAA21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADAA21
RGB	173, 170, 33
RGB Percent	68%, 67%, 13%
CMY	0.3216, 0.3333, 0.8706
CMYK	0.00, 0.02, 0.81, 0.32
HSL	59°, 68%, 40%
HSV	59°, 81%, 68%
XYZ	31.8828, 37.7435, 7.0437
YIQ	155.2790, 45.7650, -41.9710

# Conversions

## Conversions Part 2

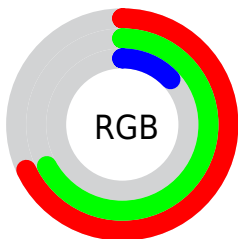
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 173, 33
Decimal	11381281
CIELab	67.83, -13.93, 64.25
CIELCh	68, 65.743, 102.234
Yxy	37.7435, 0.4158, 0.4923
Android (android.graphics.Color)	4289571361 (0xFFADAA21)
YUV	155.2790, -60.2835, 15.5413
Hunter-Lab	61.4357, -14.8778, 36.2074

# Details

The Hex color **ADAA21** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2124AD**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E8E15B**, and **757600** is the 20% darker color. If you saturate the color by 10%, you get **ADAA10**, and if you desaturate by 10%, it is **ADAA32**.

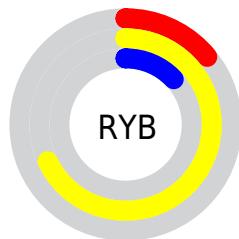
# Distribution



Red (68%)

Green (67%)

Blue (13%)



Red (14%)

Yellow (68%)

Blue (13%)

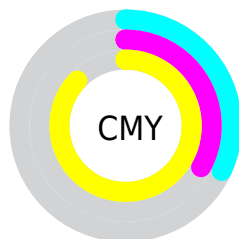


Cyan (0%)

Magenta (2%)

Yellow (81%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ADAA21 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 ADAA21 by changing the saturation by 10% instead.



 ADAA21

 ADAA21

FFFFFF

 909000

 E8E15B

 757600

 FFFE77

 5A5E00

 FFFF93

 3F4600

 FFFFAF

 253000

 FFFF CB

 081C00

 FFFF E8

 000000

 ADAA21

 ADAA21

 ADAA10

 ADAA32

■ ADA900

■ ADAB44

■ ADAB55

■ ADAB66

■ ADAC78

■ ADAC89

■ ADAD9A

■ ADADAB

■ ADADBD

# Harmonies

## Analogous

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



E1952C



ADAA21



6BB847

# Triad

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



ADAA21



00BFF4



FE73CB

# Complementary

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



ADAA21



2124AD

# 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.



C78BFE



ADAA21



00B6FF

# Square

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



ADAA21



00C2BD



5BA4FF



FF6D8F

# Rectangle

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



ADAA21



12BD6B



5BA4FF



F07ADE



# Sweetspot

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



ADAA21



E0DFAB



AD2126



707050



F0F0F0



707070



# Same Dimension

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



ADAA21



E0DC07



6CAD21



57574E



969300



171600



# Inverse Universe

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



2124AD



070BE0



6221AD



4E4E57



000396



000017



# Previews

## White Background



This preview shows how the Hex color ADAA21 looks on a white background.

## Color Contrast Check

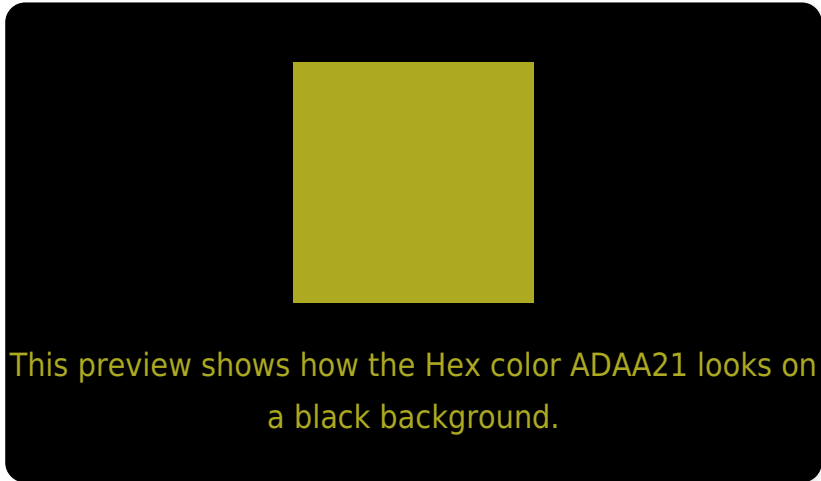
Large Text (above 18pt) WCAG AA × Fail

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 ADAA21 Background



This preview shows how black text looks on a background with the Hex color ADAA21.



This preview shows how white text looks on a background with the Hex color ADAA21.

# 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**  
ADAA21

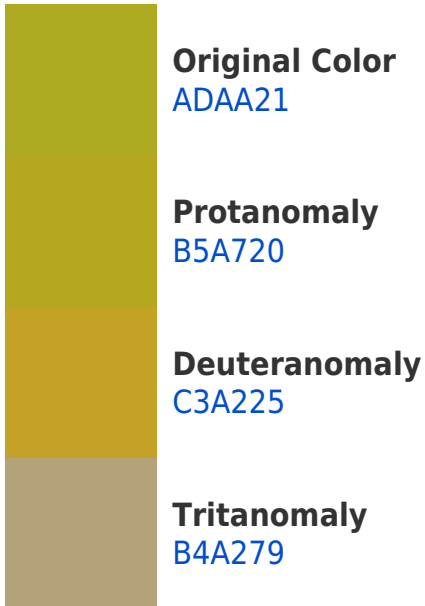
**Protanopia**  
BAA620

**Deuteranopia**  
D09D28

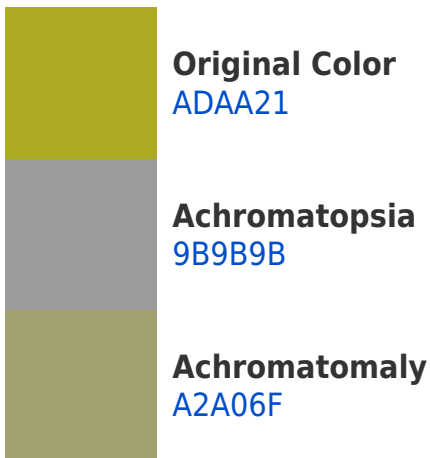


**Tritanopia**  
B89EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ADAA21 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 #ADAA21 looks like.

```
.text, #text, p{  
    color:#ADAA21  
}
```

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 #ADAA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADAA21
}
```

## Border

The CSS property to change the border of an element to Hex ADAA21 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
#ADAA21 }
```

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

```
.border{ border-color:#ADAA21 }
```

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

Here you see how a box with a 4 pixel #ADAA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADAA21; -webkit-box-shadow:4px 4px  
4px 4px #ADAA21; box-shadow:4px 4px 4px  
4px #ADAA21 }
```

# Background

The CSS property to change the background color of an element to Hex ADAA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADAA21 }
```

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

```
.background{ background-color:#ADAA21 }
```

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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