

# Converting Colors

Hex(ABA921)

Have a look what the booklet for  
Hex(ABA921) contains.

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**Color**

**Hex(ABA921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABA921
RGB	171, 169, 33
RGB Percent	67%, 66%, 13%
CMY	0.3294, 0.3373, 0.8706
CMYK	0.00, 0.01, 0.81, 0.33
HSL	59°, 68%, 40%
HSV	59°, 81%, 67%
XYZ	31.2571, 37.1437, 6.9609
YIQ	154.0940, 44.8480, -41.8720

# Conversions

## Conversions Part 2

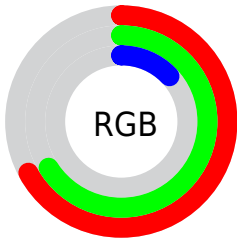
Format	Color
<a href="#">RYB</a>	<a href="#">35, 171, 33</a>
Decimal	<a href="#">11249953</a>
CIELab	<a href="#">67.38, -14.29, 63.80</a>
CIELCh	<a href="#">67, 65.378, 102.629</a>
Yxy	<a href="#">37.1437, 0.4148, 0.4929</a>
Android (android.graphics.Color)	<a href="#">4289440033 (0xFFABA921)</a>
YUV	<a href="#">154.0940, -59.6993, 14.8266</a>
Hunter-Lab	<a href="#">60.9456, -15.1078, 35.8902</a>

# Details

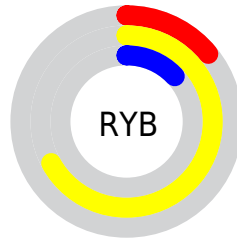
The Hex color **ABA921** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2123AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E5E05B**, and **737500** is the 20% darker color. If you saturate the color by 10%, you get **ABA910**, and if you desaturate by 10%, it is **ABA932**.

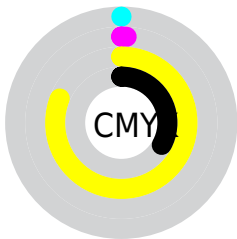
# Distribution



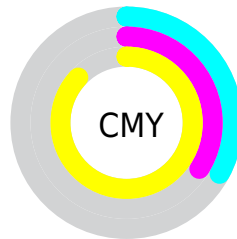
- Red (67%)
- Green (66%)
- Blue (13%)



- Red (14%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (1%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABA921 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 ABA921 by changing the saturation by 10% instead.





ABA921



ABA921

FFFFFF



8F8F00



E5E05B



737500



FFFD77



585D00



FFFF92



3D4500



FFFFAE



232F00



FFFFCB



041B00



FFFFE8



000000



ABA921



ABA921



ABA910



ABA932

■ ABA900

■ ABA943

■ ABAA54

■ ABAA65

■ ABAA77

■ ABAA88

■ ABAB99

■ ABABAA

■ ABABBB

# Harmonies

## Analogous

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



DE952C



ABA921



69B747

# Triad

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



ABA921



00BEF3



FD72C9

# Complementary

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



ABA921



2123AB

# 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.



C789FB



ABA921



00B4FF

# Square

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



ABA921



00C0BC



5DA2FF



FF6C8E

# Rectangle

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



ABA921



0CBC6B



5DA2FF



EF79DB



# Sweetspot

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



ABA921



DEDDA9



AB2123



707050



F0F0F0



707070



# Same Dimension

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



ABA921



DEDB07



68AB21



57574E



969400



171700



# Inverse Universe

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



2123AB



070ADE



6421AB



4E4E57



000296



000017



# Previews

## White Background



This preview shows how the Hex color ABA921 looks on a white background.

## Color Contrast Check

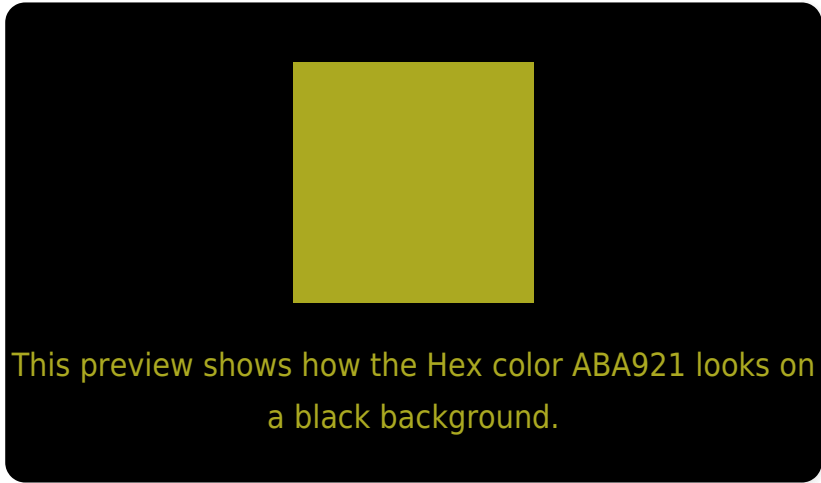
Large Text (above 18pt) WCAG AA × Fail

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 ABA921 Background



This preview shows how black text looks on a background with the Hex color ABA921.



This preview shows how white text looks on a background with the Hex color ABA921.

# 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**  
ABA921

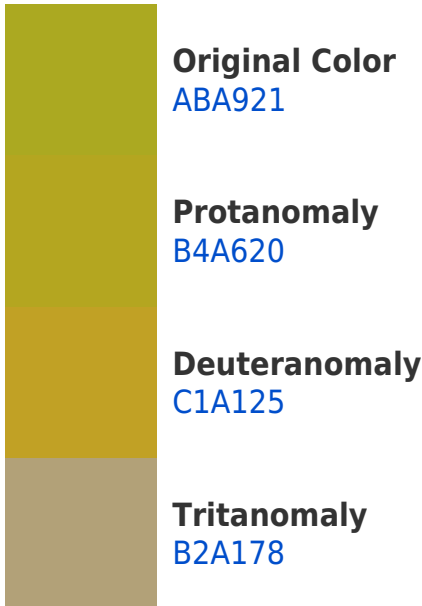
**Protanopia**  
B9A420

**Deuteranopia**  
CE9C28

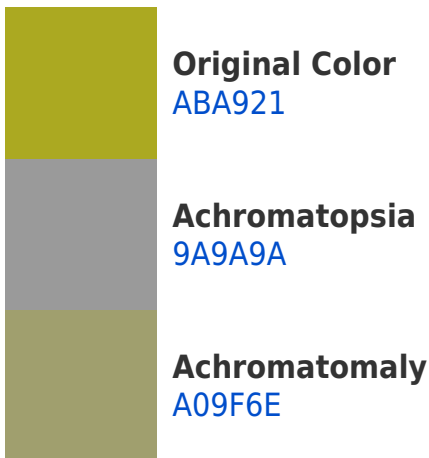


**Tritanopia**  
B69DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABA921 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 #ABA921 looks like.

```
.text, #text, p{  
    color:#ABA921  
}
```

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 #ABA921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABA921
}
```

## Border

The CSS property to change the border of an element to Hex ABA921 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
#ABA921 }
```

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

```
.border{ border-color:#ABA921 }
```

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

Here you see how a box with a 4 pixel #ABA921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABA921; -webkit-box-shadow:4px 4px  
4px 4px #ABA921; box-shadow:4px 4px 4px  
4px #ABA921 }
```

# Background

The CSS property to change the background color of an element to Hex ABA921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABA921 }
```

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

```
.background{ background-color:#ABA921 }
```

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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