

# Converting Colors

Hex(A4A02B)

Have a look what the booklet for  
Hex(A4A02B) contains.

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**Color**

**Hex(A4A02B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4A02B
RGB	164, 160, 43
RGB Percent	64%, 63%, 17%
CMY	0.3569, 0.3725, 0.8314
CMYK	0.00, 0.02, 0.74, 0.36
HSL	58°, 58%, 41%
HSV	58°, 74%, 64%
XYZ	28.3167, 33.2085, 7.2029
YIQ	147.8580, 39.9410, -35.5390

# Conversions

## Conversions Part 2

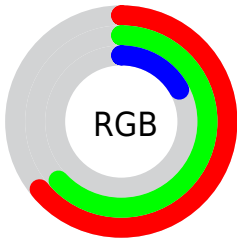
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 164, 43
Decimal	10788907
CIE <sub>Lab</sub>	64.33, -12.31, 57.61
CIE <sub>LCh</sub>	64, 58.911, 102.057
Yxy	33.2085, 0.4120, 0.4832
Android (android.graphics.Color)	4288978987 (0xFFA4A02B)
YUV	147.8580, -51.6950, 14.1565
Hunter-Lab	57.6269, -13.1356, 32.9280

# Details

The Hex color **A4A02B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B2FA4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **DED661**, and **6D6D00** is the 20% darker color. If you saturate the color by 10%, you get **A49F1B**, and if you desaturate by 10%, it is **A4A13B**.

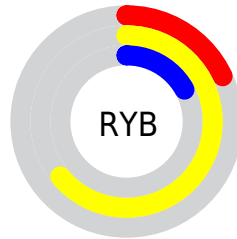
# Distribution



Red (64%)

Green (63%)

Blue (17%)



Red (18%)

Yellow (64%)

Blue (17%)

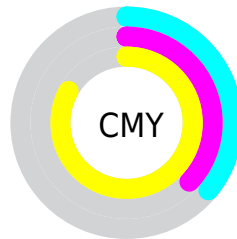


Cyan (0%)

Magenta (2%)

Yellow (74%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4A02B 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 A4A02B by changing the saturation by 10% instead.





A4A02B



A4A02B

FFFFFF



888607



DED661



6D6D00



FBF37C



525500



FFF997



383E00



FFFB3



1F2800



FFFD0



001500



FFFED



000000



A4A02B



A4A02B



A49F1B



A4A13B

 A49F0A

 A4A14C

 A49F00

 A4A25C

 A4A26D

 A4A37D

 A4A38D

 A4A49E

 A4A4AE

 A4A5BF

# Harmonies

## Analogous

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



D28E33



A4A02B



6AAC49

# Triad

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



A4A02B



00B3E1



EB71BE

# Complementary

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



A4A02B



2B2FA4

# 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.



BA85EB



A4A02B



00AAFF

# Square

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



A4A02B



00B6B0



5F9BFF



FC6C89

# Rectangle

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



A4A02B



2BB268



5F9BFF



DF77CE



# Sweetspot

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



A4A02B



D6D5A7



A42B2F



6B6A4F



EBEBEB



6B6B6B



# Same Dimension

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



A4A02B



D6D018



6CA42B



525149



918D00



121100



# Inverse Universe

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



2B2FA4



181ED6



632BA4



494A52



000591



000112



# Previews

## White Background



This preview shows how the Hex color A4A02B looks on a white background.

## Color Contrast Check

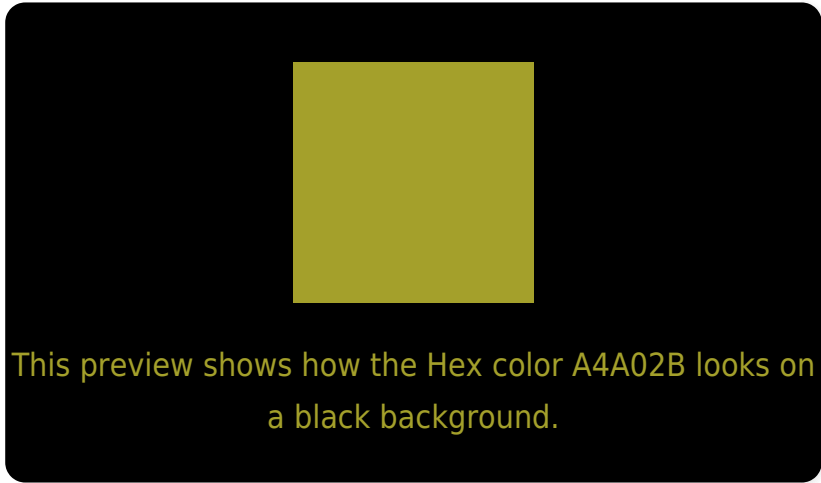
Large Text (above 18pt) WCAG AA × Fail

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 A4A02B Background



This preview shows how black text looks on a background with the Hex color A4A02B.

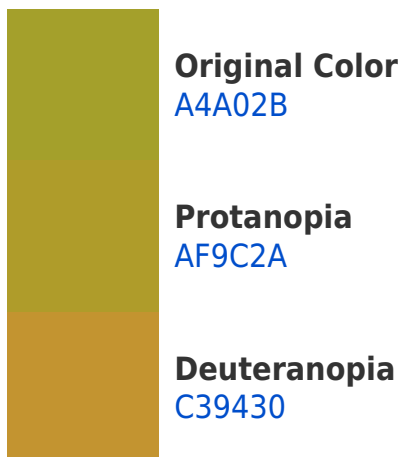


This preview shows how white text looks on a background with the Hex color A4A02B.

# 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](#).

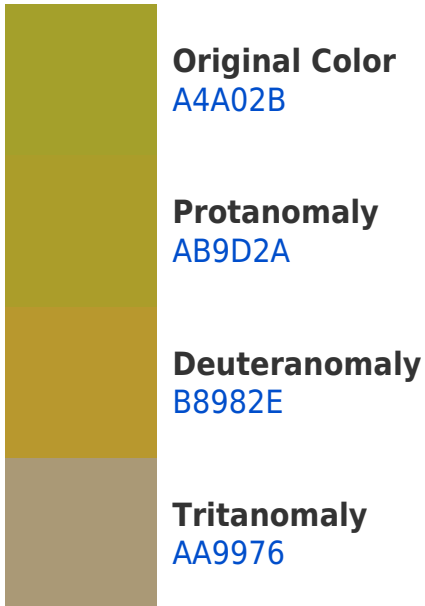
## Dichromacy



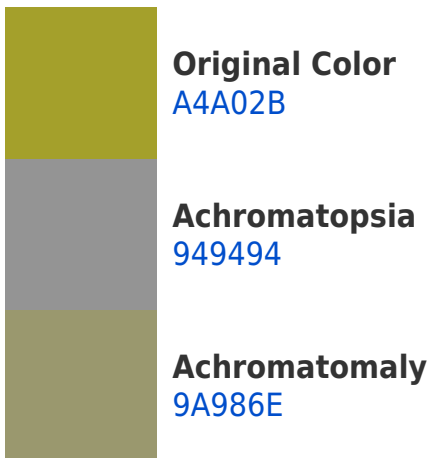


**Tritanopia**  
AE95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4A02B 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 #A4A02B looks like.

```
.text, #text, p{  
    color:#A4A02B  
}
```

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 #A4A02B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4A02B
}
```

## Border

The CSS property to change the border of an element to Hex A4A02B 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
#A4A02B }
```

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

```
.border{ border-color:#A4A02B }
```

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

Here you see how a box with a 4 pixel #A4A02B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4A02B; -webkit-box-shadow:4px 4px  
4px 4px #A4A02B; box-shadow:4px 4px 4px  
4px #A4A02B }
```

# Background

The CSS property to change the background color of an element to Hex A4A02B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4A02B }
```

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

```
.background{ background-color:#A4A02B }
```

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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