

# Converting Colors

Hex(A7A826)

Have a look what the booklet for  
Hex(A7A826) contains.

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**Color**

**Hex(A7A826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A826
RGB	167, 168, 38
RGB Percent	65%, 66%, 15%
CMY	0.3451, 0.3412, 0.8510
CMYK	0.01, 0.00, 0.77, 0.34
HSL	60°, 63%, 40%
HSV	60°, 77%, 66%
XYZ	30.2888, 36.3607, 7.2556
YIQ	152.8810, 41.1340, -40.6420

# Conversions

## Conversions Part 2

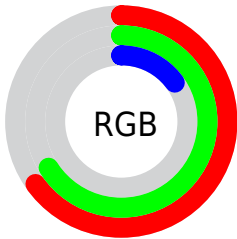
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">38, 168, 39</a>
Decimal	<a href="#">10987558</a>
CIELab	<a href="#">66.79, -15.35, 61.67</a>
CIELCh	<a href="#">67, 63.548, 103.980</a>
Yxy	<a href="#">36.3607, 0.4098, 0.4920</a>
Android (android.graphics.Color)	<a href="#">4289177638 (0xFFA7A826)</a>
YUV	<a href="#">152.8810, -56.6363, 12.3824</a>
Hunter-Lab	<a href="#">60.2998, -15.8635, 35.0757</a>

# Details

The Hex color **A7A826** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2726A8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E1DF5F**, and **6F7400** is the 20% darker color. If you saturate the color by 10%, you get **A7A815**, and if you desaturate by 10%, it is **A7A837**.

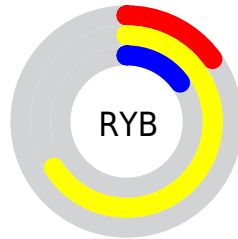
# Distribution



Red (65%)

Green (66%)

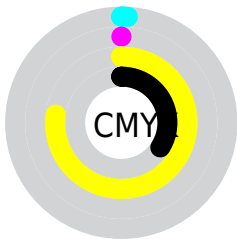
Blue (15%)



Red (15%)

Yellow (66%)

Blue (15%)

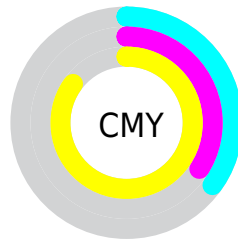


Cyan (1%)

Magenta (0%)

Yellow (77%)

Black (34%)



Cyan (35%)

Magenta (34%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A826 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 A7A826 by changing the saturation by 10% instead.



 A7A826

 A7A826

FFFFFF

 8B8E00

 E1DF5F

 6F7400

 FFFB7A

 555C00

 FFFF95

 3A4400

 FFFFB1

 202E00

 FFFFCE

 001B00

 FFFFEB

 000000

 A7A826

 A7A826

 A7A815

 A7A837

 A7A804

 A7A848

 A7A800

 A7A858

 A8A869

 A8A87A

 A8A88B

 A8A89C

 A8A8AC

 A8A8BD

# Harmonies

## Analogous

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



D9952D



A7A826



66B54B

# Triad

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



A7A826



00BBF1



FB72C4

# Complementary

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



A7A826



2726A8

# 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.



C888F5



A7A826



00B1FF

# Square

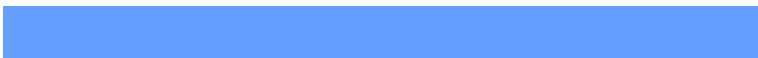
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A7A826



00BEBC



66A0FF



FF6D8A

# Rectangle

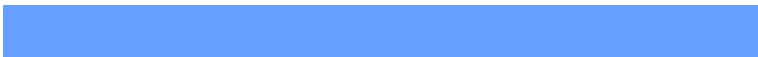
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A7A826



06BA6E



66A0FF



EE78D6



# Sweetspot

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



A7A826



DBDBA9



A82626



6D6E4F



EDEDED



6E6E6E



# Same Dimension

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



A7A826



DADB0F



67A826



54544C



939400



141400



# Inverse Universe

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



2726A8



110FDB



6726A8



4C4C54



010094



000014



# Previews

## White Background



This preview shows how the Hex color A7A826 looks on a white background.

## Color Contrast Check

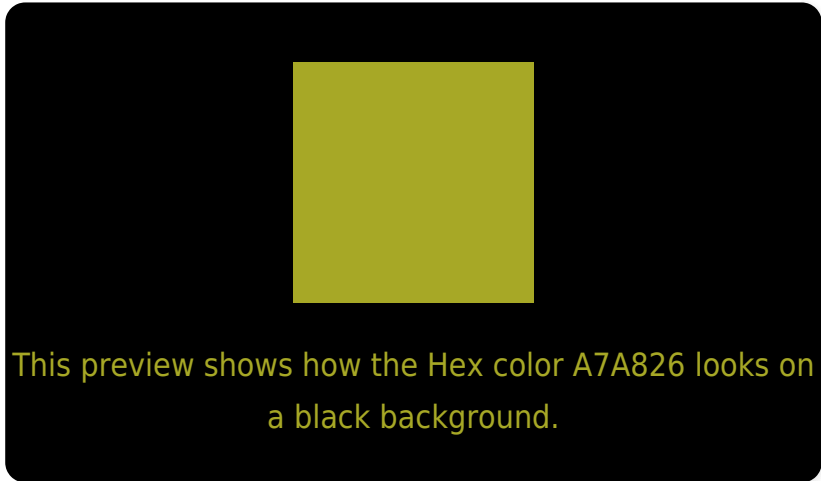
Large Text (above 18pt) WCAG AA × Fail

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 A7A826 Background



This preview shows how black text looks on a background with the Hex color A7A826.



This preview shows how white text looks on a background with the Hex color A7A826.

# 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**  
A7A826

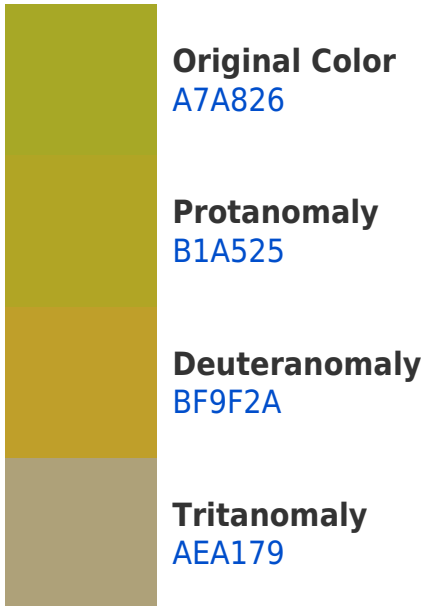
**Protanopia**  
B7A325

**Deuteranopia**  
CC9A2D

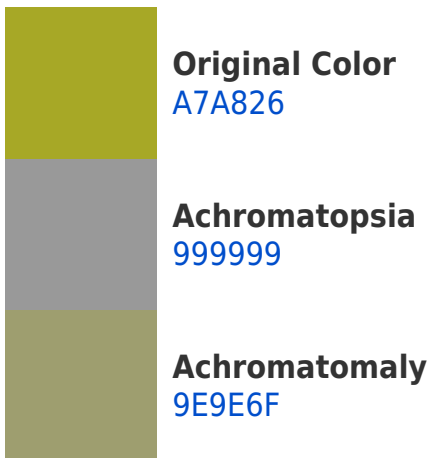


**Tritanopia**  
B29DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A826 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 #A7A826 looks like.

```
.text, #text, p{  
    color:#A7A826  
}
```

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 #A7A826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A826
}
```

## Border

The CSS property to change the border of an element to Hex A7A826 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
#A7A826 }
```

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

```
.border{ border-color:#A7A826 }
```

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

Here you see how a box with a 4 pixel #A7A826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A826; -webkit-box-shadow:4px 4px  
4px 4px #A7A826; box-shadow:4px 4px 4px  
4px #A7A826 }
```

# Background

The CSS property to change the background color of an element to Hex A7A826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A826 }
```

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

```
.background{ background-color:#A7A826 }
```

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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