

# Converting Colors

Hex(A6A62D)

Have a look what the booklet for  
Hex(A6A62D) contains.

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# **Color**

**Hex(A6A62D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A62D
RGB	166, 166, 45
RGB Percent	65%, 65%, 18%
CMY	0.3490, 0.3490, 0.8235
CMYK	0.00, 0.00, 0.73, 0.35
HSL	60°, 57%, 41%
HSV	60°, 73%, 65%
XYZ	29.8358, 35.5689, 7.7756
YIQ	152.2060, 38.8410, -37.6310

# Conversions

## Conversions Part 2

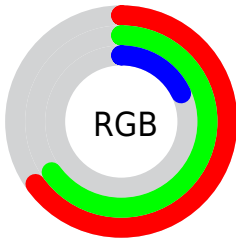
Format	Color
<a href="#">RYB</a>	<a href="#">45, 166, 45</a>
Decimal	<a href="#">10921517</a>
CIELab	<a href="#">66.19, -14.45, 58.73</a>
CIELCh	<a href="#">66, 60.482, 103.826</a>
Yxy	<a href="#">35.5689, 0.4077, 0.4860</a>
Android (android.graphics.Color)	<a href="#">4289111597</a> ( <a href="#">0xFFA6A62D</a> )
YUV	<a href="#">152.2060, -52.8526, 12.0973</a>
Hunter-Lab	<a href="#">59.6397, -15.0717, 34.0178</a>

# Details

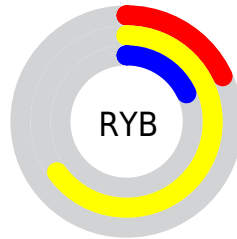
The Hex color **A6A62D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2D2DA6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E0DD64**, and **6E7200** is the 20% darker color. If you saturate the color by 10%, you get **A6A61C**, and if you desaturate by 10%, it is **A6A63E**.

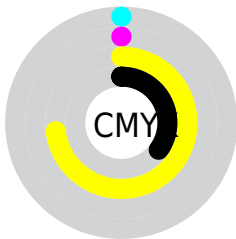
# Distribution



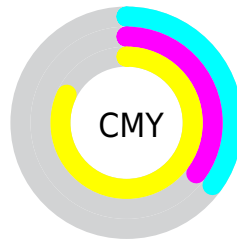
- Red (65%)
- Green (65%)
- Blue (18%)



- Red (18%)
- Yellow (65%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (73%)
- Black (35%)



- Cyan (35%)
- Magenta (35%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A62D 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 A6A62D by changing the saturation by 10% instead.



 A6A62D

 A6A62D

FFFFFF

 8A8C09

 E0DD64

 6E7200

 FEF97F

 545A00

 FFFF9A

 3A4300

 FFFFB6

 202D00

 FFFFDD

 001900

 FFFFEE

 000000

 A6A62D

 A6A62D

 A6A61C

 A6A63E

 A6A60C

 A6A64E

 A6A600

 A6A65F

 A6A66F

 A6A680

 A6A691

 A6A6A1

 A6A6B2

 A6A6C2

# Harmonies

## Analogous

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



D69433



A6A62D



69B24E

# Triad

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



A6A62D



00B8EB



F574C1

# Complementary

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



A6A62D



2D2DA6

# 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.



C488F0



A6A62D



00AFFF

# Square

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



A6A62D



00BBB9



699EFF



FF6F8A

# Rectangle

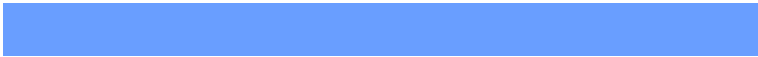
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A6A2D



21B86F



699EFF



E879D2



# Sweetspot

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



A6A62D



D9D9A9



A62D2D



6E6E51



EDEDED



6E6E6E



# Same Dimension

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



A6A62D



D9D91C



6AA62D



54544C



949400



141400



# Inverse Universe

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



2D2DA6



1C1CD9



6A2DA6



4C4C54



000094



000014



# Previews

## White Background



This preview shows how the Hex color A6A62D looks on a white background.

## Color Contrast Check

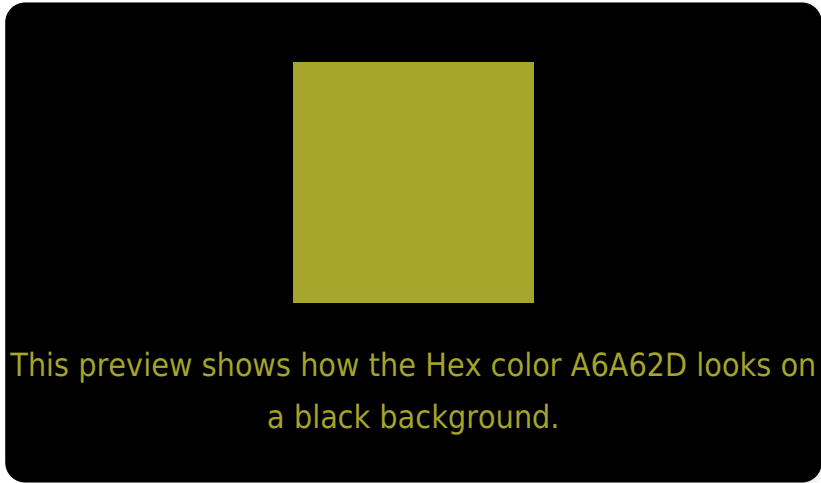
Large Text (above 18pt) WCAG AA × Fail

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 A6A62D Background



This preview shows how black text looks on a background with the Hex color A6A62D.



This preview shows how white text looks on a background with the Hex color A6A62D.

# 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**  
A6A62D

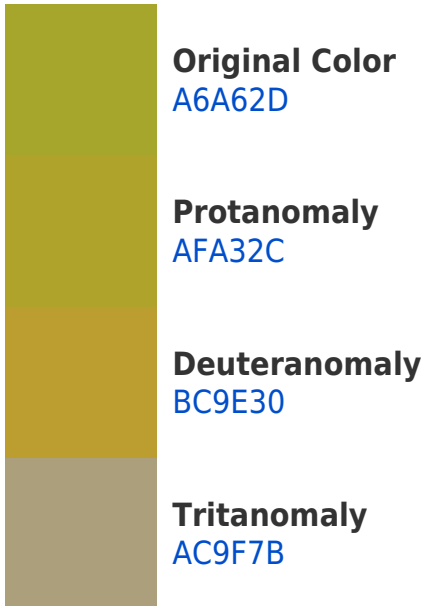
**Protanopia**  
B4A12C

**Deuteranopia**  
C99932



**Tritanopia**  
B09BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A62D 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 #A6A62D looks like.

```
.text, #text, p{  
    color:#A6A62D  
}
```

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 #A6A62D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A62D
}
```

## Border

The CSS property to change the border of an element to Hex A6A62D 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
#A6A62D }
```

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

```
.border{ border-color:#A6A62D }
```

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

Here you see how a box with a 4 pixel #A6A62D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A62D; -webkit-box-shadow:4px 4px  
4px 4px #A6A62D; box-shadow:4px 4px 4px  
4px #A6A62D }
```

# Background

The CSS property to change the background color of an element to Hex A6A62D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A62D }
```

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

```
.background{ background-color:#A6A62D }
```

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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