

# Converting Colors

Hex(6A6D2A)

Have a look what the booklet for  
Hex(6A6D2A) contains.

<b>Hex(6A6D2A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6A6D2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A6D2A
RGB	106, 109, 42
RGB Percent	42%, 43%, 16%
CMY	0.5843, 0.5725, 0.8353
CMYK	0.03, 0.00, 0.61, 0.57
HSL	63°, 44%, 30%
HSV	63°, 61%, 43%
XYZ	11.8304, 14.1686, 4.3018
YIQ	100.4650, 19.7190, -21.4730

# Conversions

## Conversions Part 2

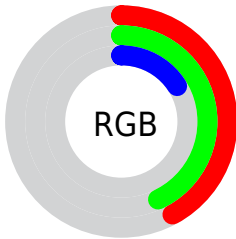
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 109, 45
Decimal	6974762
CIE <sub>Lab</sub>	44.47, -11.02, 36.15
CIE <sub>LCh</sub>	44, 37.789, 106.951
Yxy	14.1686, 0.3904, 0.4676
Android (android.graphics.Color)	4285164842 (0xFF6A6D2A)
YUV	100.4650, -28.8232, 4.8542
Hunter-Lab	37.6412, -9.7706, 19.5730

# Details

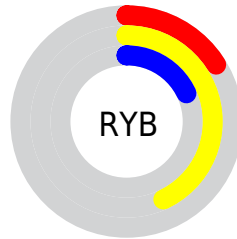
The Hex color **6A6D2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2A6D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9FA05A**, and **383E00** is the 20% darker color. If you saturate the color by 10%, you get **6A6D1F**, and if you desaturate by 10%, it is **6A6D35**.

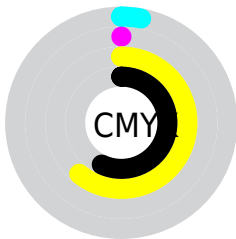
# Distribution



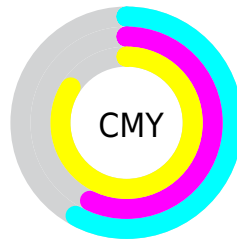
- Red (42%)
- Green (43%)
- Blue (16%)



- Red (16%)
- Yellow (43%)
- Blue (18%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (57%)



- Cyan (58%)
- Magenta (57%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6D2A 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 6A6D2A by changing the saturation by 10% instead.





6A6D2A



6A6D2A

FFFFFF



515512



9FA05A



383E00



BBBB74



212800



D7D78E



001500



F4F3A9



000000



FFFFC4



FFFFE0



FFFFFFD



6A6D2A



6A6D2A

 6A6D1F

 6A6D35

 696D14

 6B6D40

 696D09

 6B6D4B

 686D00

 6C6D56

 6C6D61

 6D6D6B

 6D6D76

 6E6D81

 6E6D8C

# Harmonies

## Analogous

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



87632A



6A6D2A



46743D

# Triad

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



6A6D2A



007796



9C5078

# Complementary

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



6A6D2A



2D2A6D

# 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.



825A94



6A6D2A



0070A6

# Square

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



6A6D2A



00797A



5466A5



A44F59

# Rectangle

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



6A6D2A



24774F



5466A5



965282



# Sweetspot

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



6A6D2A



8E8F75



6D2C2A



474738



C7C7C7



474747



# Same Dimension

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



6A6D2A



8A8F25



496D2A



353630



707500



EAF500



# Inverse Universe

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



2D2A6D



2A258F



4E2A6D



303036



050075



0B00F5



# Previews

## White Background



This preview shows how the Hex color 6A6D2A looks on a white background.

## Color Contrast Check

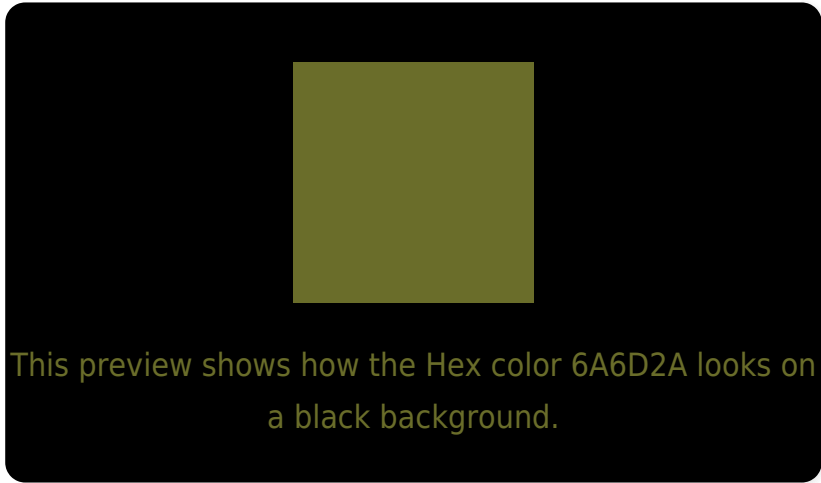
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A6D2A Background



This preview shows how black text looks on a background with the Hex color 6A6D2A.



This preview shows how white text looks on a background with the Hex color 6A6D2A.

# 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**  
6A6D2A

**Protanopia**  
756929

**Deuteranopia**  
82642D



**Tritanopia**  
71666E

# Trichromacy



**Original Color**  
6A6D2A

**Protanomaly**  
716A29

**Deuteranomaly**  
79672C

**Tritanomaly**  
6E6955

# Monochromacy



**Original Color**  
6A6D2A

**Achromatopsia**  
646464

**Achromatomaly**  
66674F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6D2A 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 #6A6D2A looks like.

```
.text, #text, p{  
    color:#6A6D2A  
}
```

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 #6A6D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6D2A
}
```

## Border

The CSS property to change the border of an element to Hex 6A6D2A 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".

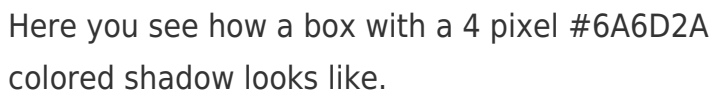
```
.border, #border, table{ border:4px solid
#6A6D2A }
```

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

```
.border{ border-color:#6A6D2A }
```

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

Here you see how a box with a 4 pixel #6A6D2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6D2A; -webkit-box-shadow:4px 4px  
4px 4px #6A6D2A; box-shadow:4px 4px 4px  
4px #6A6D2A }
```

# Background

The CSS property to change the background color of an element to Hex 6A6D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6D2A }
```

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

```
.background{ background-color:#6A6D2A }
```

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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