

# Converting Colors

Hex(5A6D2A)

Have a look what the booklet for  
Hex(5A6D2A) contains.

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**Color**

**Hex(5A6D2A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A6D2A
RGB	90, 109, 42
RGB Percent	35%, 43%, 16%
CMY	0.6471, 0.5725, 0.8353
CMYK	0.17, 0.00, 0.61, 0.57
HSL	77°, 44%, 30%
HSV	77°, 61%, 43%
XYZ	10.1030, 13.2781, 4.2209
YIQ	95.6810, 10.1830, -24.8650

# Conversions

## Conversions Part 2

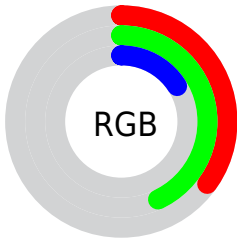
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 109, 61
Decimal	5926186
CIE Lab	43.18, -18.23, 34.35
CIE LCh	43, 38.885, 117.963
Yxy	13.2781, 0.3660, 0.4811
Android (android.graphics.Color)	4284116266 (0xFF5A6D2A)
YUV	95.6810, -26.4647, -4.9822
Hunter-Lab	36.4391, -14.2781, 18.6395

# Details

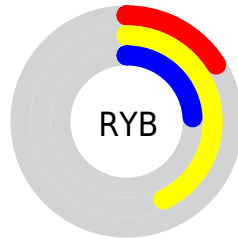
The Hex color **5A6D2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D2A6D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8EA15A**, and **2A3D00** is the 20% darker color. If you saturate the color by 10%, you get **576D1F**, and if you desaturate by 10%, it is **5D6D35**.

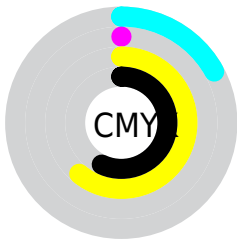
# Distribution



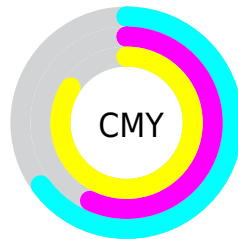
- Red (35%)
- Green (43%)
- Blue (16%)



- Red (16%)
- Yellow (43%)
- Blue (24%)



- Cyan (17%)
- Magenta (0%)
- Yellow (61%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6D2A 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 5A6D2A by changing the saturation by 10% instead.





5A6D2A



5A6D2A

FFFFFF



415512



8EA15A



2A3D00



A9BC74



122700



C5D78E



001300



E1F4A8



000000



FEFFC4



FFFFE0



FFFFFD



5A6D2A



5A6D2A

■ 576D1F

■ 5D6D35

■ 546D14

■ 606D40

■ 516D09

■ 636D4B

■ 4E6D00

■ 666D56

■ 696D61

■ 6D6D6B

■ 706D76

■ 736D81

■ 766D8C

# Harmonies

## Analogous

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



7A6422



5A6D2A



307342

# Triad

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



5A6D2A



00729C



9F4A6A

# Complementary

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



5A6D2A



3D2A6D

# 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.



8B5289



5A6D2A



176AA6

# Square

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



5A6D2A



007683



645E9F



A04D4A

# Rectangle

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



5A6D2A



007557



645E9F



9B4B74



# Sweetspot

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



5A6D2A



888F75



6D3D2A



434738



C7C7C7



474747



# Same Dimension

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



5A6D2A



718F25



396D2A



343630



547500



AFF500



# Inverse Universe

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



3D2A6D



43258F



5E2A6D



323036



210075



4500F5



# Previews

## White Background



This preview shows how the Hex color 5A6D2A looks on a white background.

## Color Contrast Check

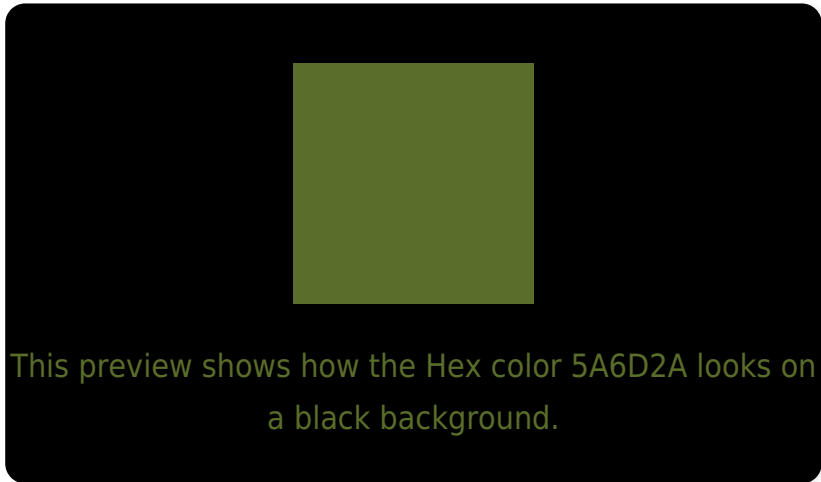
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A6D2A Background



This preview shows how black text looks on a background with the Hex color 5A6D2A.



This preview shows how white text looks on a background with the Hex color 5A6D2A.

# 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**  
5A6D2A

**Protanopia**  
726628

**Deuteranopia**  
7E612E



**Tritanopia**  
62666E

# Trichromacy



**Original Color**  
5A6D2A

**Protanomaly**  
696929

**Deuteranomaly**  
71652D

**Tritanomaly**  
5F6955

# Monochromacy



**Original Color**  
5A6D2A

**Achromatopsia**  
606060

**Achromatomaly**  
5E654C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6D2A 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 #5A6D2A looks like.

```
.text, #text, p{  
    color:#5A6D2A  
}
```

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 #5A6D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6D2A
}
```

## Border

The CSS property to change the border of an element to Hex 5A6D2A 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
#5A6D2A }
```

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

```
.border{ border-color:#5A6D2A }
```

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

Here you see how a box with a 4 pixel #5A6D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6D2A; -webkit-box-shadow:4px 4px  
4px 4px #5A6D2A; box-shadow:4px 4px 4px  
4px #5A6D2A }
```

# Background

The CSS property to change the background color of an element to Hex 5A6D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6D2A }
```

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

```
.background{ background-color:#5A6D2A }
```

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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