

# Converting Colors

Hex(4A6F2E)

Have a look what the booklet for  
Hex(4A6F2E) contains.

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# Color

Hex(4A6F2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A6F2E
RGB	74, 111, 46
RGB Percent	29%, 44%, 18%
CMY	0.7098, 0.5647, 0.8196
CMYK	0.33, 0.00, 0.59, 0.56
HSL	94°, 41%, 31%
HSV	94°, 59%, 44%
XYZ	9.0016, 13.0220, 4.6238
YIQ	92.5270, -1.1870, -28.0590

# Conversions

## Conversions Part 2

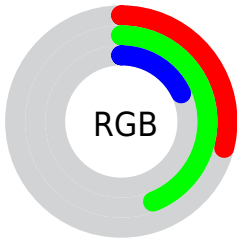
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 111, 83
Decimal	4878126
CIELab	42.80, -25.52, 31.60
CIElCh	43, 40.617, 128.930
Yxy	13.0220, 0.3378, 0.4887
Android (android.graphics.Color)	4283068206 (0xFF4A6F2E)
YUV	92.5270, -22.9378, -16.2482
Hunter-Lab	36.0860, -18.6238, 17.6631

# Details

The Hex color **4A6F2E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532E6F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7DA35E**, and **193F00** is the 20% darker color. If you saturate the color by 10%, you get **446F23**, and if you desaturate by 10%, it is **506F39**.

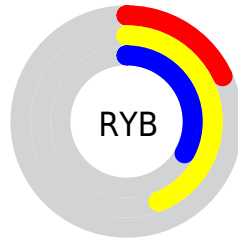
# Distribution



Red (29%)

Green (44%)

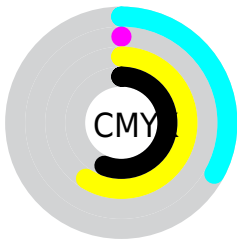
Blue (18%)



Red (18%)

Yellow (44%)

Blue (33%)

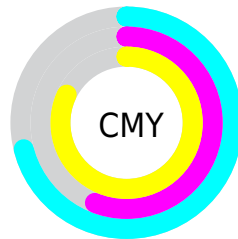


Cyan (33%)

Magenta (0%)

Yellow (59%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6F2E 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 4A6F2E by changing the saturation by 10% instead.





4A6F2E



4A6F2E

FFFFFF



315617



7DA35E



193F00



98BE77



002800



B3DA92



001100



CFF7AC



000000



EBF8C8



FFFFE4



4A6F2E



4A6F2E



446F23



506F39

■ 3D6F18

■ 576F44

■ 376F0D

■ 5D6F4F

■ 316F02

■ 636F5A

■ 306F00

■ 6A6F66

■ 706F71

■ 766F7C

■ 7D6F87

■ 836F92

# Harmonies

## Analogous

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



6E671E



4A6F2E



07744C

# Triad

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



4A6F2E



006FA3



A3475C

# Complementary

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



4A6F2E



532E6F

# 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.



964B7E



4A6F2E



3865A7

# Square

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



4A6F2E



00748E



74589A



9E4E3D

# Rectangle

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



4A6F2E



007563



74589A



A14768



# Sweetspot

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



4A6F2E



829177



6F532E



414A3A



C9C9C9



4A4A4A



# Same Dimension

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



4A6F2E



57912C



2E6F32



353832



347800



6BF700



# Inverse Universe

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



532E6F



662C91



6F2E6B



363238



440078



8D00F7



# Previews

## White Background



This preview shows how the Hex color 4A6F2E looks on a white background.

## Color Contrast Check

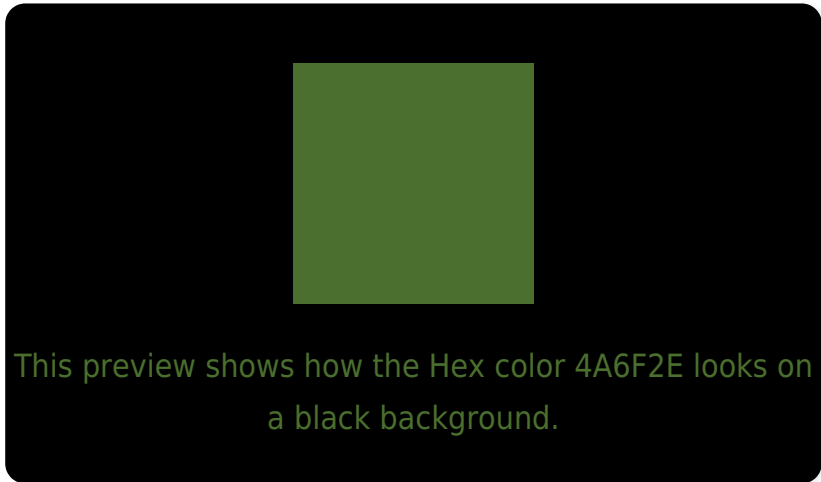
Large Text (above 18pt) WCAG AA ✓ Pass

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

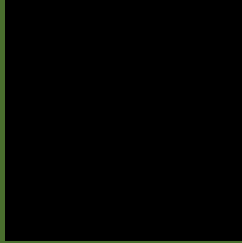
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A6F2E Background



This preview shows how black text looks on a background with the Hex color 4A6F2E.



This preview shows how white text looks on a background with the Hex color 4A6F2E.

# 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**  
4A6F2E

**Protanopia**  
70652B

**Deuteranopia**  
7C6032



**Tritanopia**  
546870

# Trichromacy



**Original Color**  
4A6F2E

**Protanomaly**  
62692C

**Deuteranomaly**  
6A6531

**Tritanomaly**  
506B58

# Monochromacy



**Original Color**  
4A6F2E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
56644C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6F2E 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 #4A6F2E looks like.

```
.text, #text, p{  
    color:#4A6F2E  
}
```

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 #4A6F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6F2E
}
```

## Border

The CSS property to change the border of an element to Hex 4A6F2E 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
#4A6F2E }
```

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

```
.border{ border-color:#4A6F2E }
```

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

Here you see how a box with a 4 pixel #4A6F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6F2E; -webkit-box-shadow:4px 4px  
4px 4px #4A6F2E; box-shadow:4px 4px 4px  
4px #4A6F2E }
```

# Background

The CSS property to change the background color of an element to Hex 4A6F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6F2E }
```

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

```
.background{ background-color:#4A6F2E }
```

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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