

# Converting Colors

Hex(4D6E2B)

Have a look what the booklet for  
Hex(4D6E2B) contains.

<b>Hex(4D6E2B)</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(4D6E2B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D6E2B
RGB	77, 110, 43
RGB Percent	30%, 43%, 17%
CMY	0.6980, 0.5686, 0.8314
CMYK	0.30, 0.00, 0.61, 0.57
HSL	90°, 44%, 30%
HSV	90°, 61%, 43%
XYZ	9.0725, 12.9041, 4.2981
YIQ	92.4950, 1.8390, -27.8330

# Conversions

## Conversions Part 2

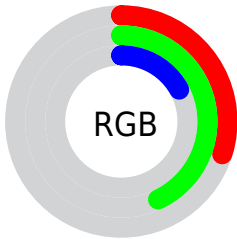
Format	Color
<b>RYB</b>	43, 110, 76
Decimal	5074475
CIELab	42.62, -24.16, 32.97
CIELCh	43, 40.872, 126.233
Yxy	12.9041, 0.3453, 0.4911
Android (android.graphics.Color)	4283264555 (0xFF4D6E2B)
YUV	92.4950, -24.4010, -13.5891
Hunter-Lab	35.9222, -17.7818, 18.0516

# Details

The Hex color **4D6E2B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C2B6E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **80A25B**, and **1D3E00** is the 20% darker color. If you saturate the color by 10%, you get **486E20**, and if you desaturate by 10%, it is **526E36**.

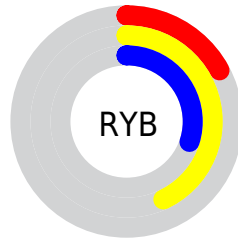
# Distribution



Red (30%)

Green (43%)

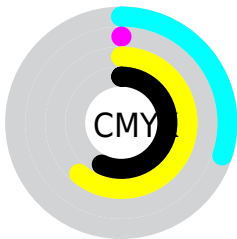
Blue (17%)



Red (17%)

Yellow (43%)

Blue (30%)

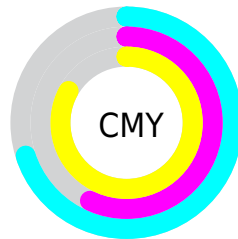


Cyan (30%)

Magenta (0%)

Yellow (61%)

Black (57%)



Cyan (70%)

Magenta (57%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6E2B 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 4D6E2B by changing the saturation by 10% instead.





4D6E2B



4D6E2B

FFFFFF



345513



80A25B



1D3E00



9BBD74



032800



B6D98E



001100



D2F5A9



000000



EFFFC5



FFFFE1

FFFFFFE



4D6E2B



4D6E2B

■ 486E20

■ 526E36

■ 426E15

■ 586E41

■ 3D6E0A

■ 5D6E4C

■ 386E00

■ 636E57

■ 686E62

■ 6E6E6D

■ 736E78

■ 786E83

■ 7E6E8E

# Harmonies

## Analogous

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



70651C



4D6E2B



137348

# Triad

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



4D6E2B



006FA2



A2465F

# Complementary

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



4D6E2B



4C2B6E

# 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.



934C80



4D6E2B



2E66A8

# Square

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



4D6E2B



00748C



70599B



9F4C3F

# Rectangle

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



4D6E2B



00755F



70599B



9F476A



# Sweetspot

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



4D6E2B



828F75



6E4B2B



404738



C7C7C7



474747



# Same Dimension

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



4D6E2B



5B8F27



2C6E2B



353832



3D7800



7EF700



# Inverse Universe

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



4C2B6E



5A278F



6D2B6E



353238



3B0078



7A00F7



# Previews

## White Background



This preview shows how the Hex color 4D6E2B looks on a white background.

## Color Contrast Check

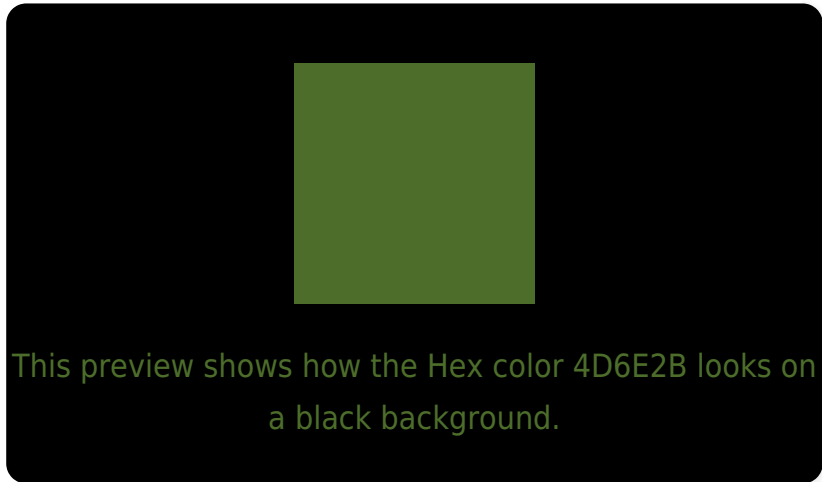
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D6E2B Background



This preview shows how black text looks on a background with the Hex color 4D6E2B.



This preview shows how white text looks on a background with the Hex color 4D6E2B.

# 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](#).

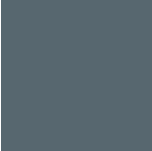
## Dichromacy



**Original Color**  
4D6E2B

**Protanopia**  
706428

**Deuteranopia**  
7C5F2F



**Tritanopia**  
57676F

# Trichromacy



**Original Color**  
4D6E2B

**Protanomaly**  
636829

**Deuteranomaly**  
6B642E

**Tritanomaly**  
536A56

# Monochromacy



**Original Color**  
4D6E2B

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
57634A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6E2B 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 #4D6E2B looks like.

```
.text, #text, p{  
    color:#4D6E2B  
}
```

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 #4D6E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6E2B
}
```

## Border

The CSS property to change the border of an element to Hex 4D6E2B 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
#4D6E2B }
```

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

```
.border{ border-color:#4D6E2B }
```

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

Here you see how a box with a 4 pixel #4D6E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6E2B; -webkit-box-shadow:4px 4px  
4px 4px #4D6E2B; box-shadow:4px 4px 4px  
4px #4D6E2B }
```

# Background

The CSS property to change the background color of an element to Hex 4D6E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6E2B }
```

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

```
.background{ background-color:#4D6E2B }
```

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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