

# Converting Colors

Hex(4A4E25)

Have a look what the booklet for  
Hex(4A4E25) contains.

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**Color**

**Hex(4A4E25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A4E25
RGB	74, 78, 37
RGB Percent	29%, 31%, 15%
CMY	0.7098, 0.6941, 0.8549
CMYK	0.05, 0.00, 0.53, 0.69
HSL	66°, 36%, 23%
HSV	66°, 53%, 31%
XYZ	5.8824, 7.0382, 2.7987
YIQ	72.1300, 10.7770, -13.5990

# Conversions

## Conversions Part 2

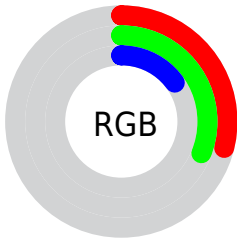
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 78, 41
Decimal	4869669
CIELab	31.89, -8.66, 23.55
CIELCh	32, 25.094, 110.193
Yxy	7.0382, 0.3742, 0.4477
Android (android.graphics.Color)	4283059749 (0xFF4A4E25)
YUV	72.1300, -17.3191, 1.6400
Hunter-Lab	26.5296, -6.8483, 12.3159

# Details

The Hex color **4A4E25** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **29254E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7C7F53**, and **1E2200** is the 20% darker color. If you saturate the color by 10%, you get **494E1D**, and if you desaturate by 10%, it is **4B4E2D**.

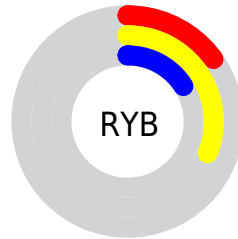
# Distribution



Red (29%)

Green (31%)

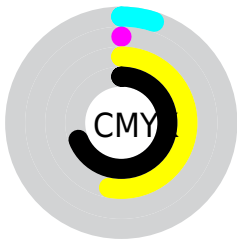
Blue (15%)



Red (15%)

Yellow (31%)

Blue (16%)

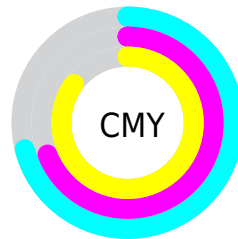


Cyan (5%)

Magenta (0%)

Yellow (53%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A4E25 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 4A4E25 by changing the saturation by 10% instead.





4A4E25



4A4E25

FFFFFF



33370F



7C7F53



1E2200



96996B



000D00



B1B485



000000



CDC9F



E9EBBA



FFFFD6



FFFFFF3



4A4E25



4A4E25

■ 494E1D

■ 4B4E2D

■ 484E15

■ 4C4E35

■ 484E0E

■ 4C4E3C

■ 474E06

■ 4D4E44

■ 464E00

■ 4E4E4C

■ 4F4E54

■ 4F4E5C

■ 504E63

■ 514E6B

# Harmonies

## Analogous

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



5D4824



4A4E25



335231

# Triad

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



4A4E25



005369



6D3C52

# Complementary

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



4A4E25



29254E

# 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.



5D4164



4A4E25



1C4F72

# Square

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



4A4E25



005558



434870



713C3E

# Rectangle

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



4A4E25



20543D



434870



693D59



# Sweetspot

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



4A4E25



646656



4E2825



323329



B3B3B3



333333



# Same Dimension

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



4A4E25



606626



364E25



262622



5C6600



CFE600



# Inverse Universe

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



29254E



2C2666



3D254E



232226



0A0066



1600E6



# Previews

## White Background



This preview shows how the Hex color 4A4E25 looks on a white background.

## Color Contrast Check

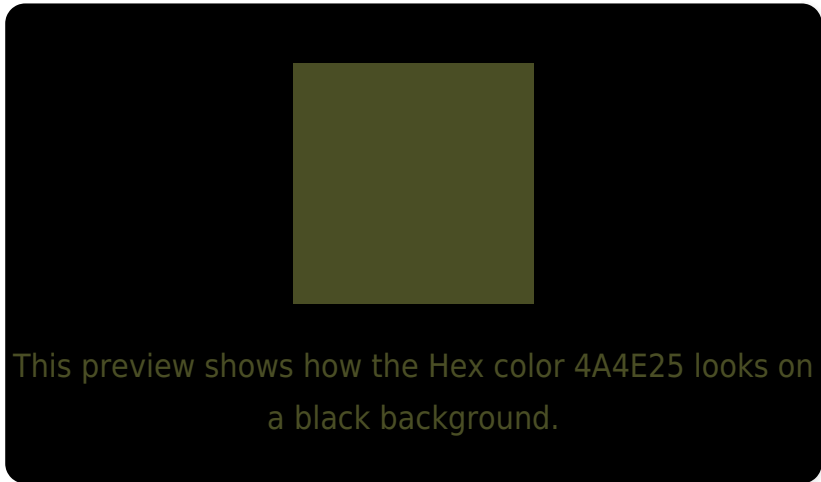
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

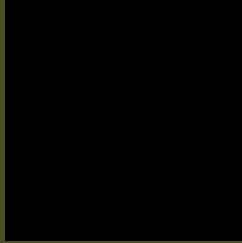
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A4E25 Background



This preview shows how black text looks on a background with the Hex color 4A4E25.



This preview shows how white text looks on a background with the Hex color 4A4E25.

# 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**  
4A4E25

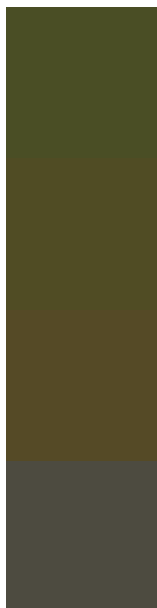
**Protanopia**  
534B24

**Deuteranopia**  
5C4727



**Tritanopia**  
4F494F

# Trichromacy



**Original Color**

4A4E25

**Protanomaly**

504C24

**Deuteranomaly**

554A26

**Tritanomaly**

4D4B40

# Monochromacy



**Original Color**

4A4E25

**Achromatopsia**

484848

**Achromatomaly**

494A3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A4E25 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 #4A4E25 looks like.

```
.text, #text, p{  
    color:#4A4E25  
}
```

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 #4A4E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4E25
}
```

## Border

The CSS property to change the border of an element to Hex 4A4E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

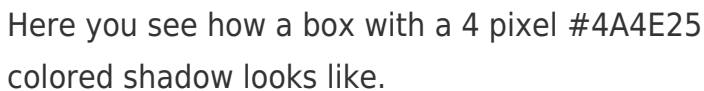
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4E25 }
```

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

```
.border{ border-color:#4A4E25 }
```

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



Here you see how a box with a 4 pixel #4A4E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4E25; -webkit-box-shadow:4px 4px  
4px 4px #4A4E25; box-shadow:4px 4px 4px  
4px #4A4E25 }
```

# Background

The CSS property to change the background color of an element to Hex 4A4E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4E25 }
```

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

```
.background{ background-color:#4A4E25 }
```

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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