

# Converting Colors

Hex(4E644A)

Have a look what the booklet for  
Hex(4E644A) contains.

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# Color

**Hex(4E644A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E644A
RGB	78, 100, 74
RGB Percent	31%, 39%, 29%
CMY	0.6941, 0.6078, 0.7098
CMYK	0.22, 0.00, 0.26, 0.61
HSL	111°, 15%, 34%
HSV	111°, 26%, 39%
XYZ	8.9351, 11.2285, 8.1749
YIQ	90.4580, -4.7660, -12.7500

# Conversions

## Conversions Part 2

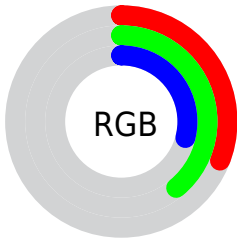
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 100, 96
Decimal	5137482
CIELab	39.96, -13.87, 12.11
CIElCh	40, 18.416, 138.868
Yxy	11.2285, 0.3153, 0.3962
Android (android.graphics.Color)	4283327562 (0xFF4E644A)
YUV	90.4580, -8.1138, -10.9257
Hunter-Lab	33.5089, -11.0438, 8.9916

# Details

The Hex color **4E644A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **604A64**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7F977B**, and **21351E** is the 20% darker color. If you saturate the color by 10%, you get **466440**, and if you desaturate by 10%, it is **566454**.

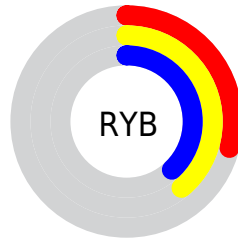
# Distribution



Red (31%)

Green (39%)

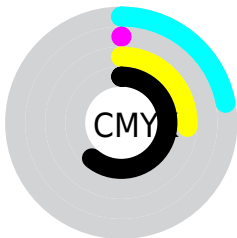
Blue (29%)



Red (29%)

Yellow (39%)

Blue (38%)

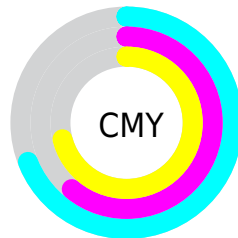


Cyan (22%)

Magenta (0%)

Yellow (26%)

Black (61%)



Cyan (69%)

Magenta (61%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E644A 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 4E644A by changing the saturation by 10% instead.





4E644A



4E644A

FFFFFF



374C33



7F977B



21351E



9AB295



0D2006



B4CDAF



000000



D0E9CB



ECFFE7



4E644A



4E644A



466440



566454



3D6436



5F645E

■ 35642C

■ 676468

■ 2C6422

■ 706472

■ 246418

■ 78647C

■ 1B640E

■ 816486

■ 136404

■ 896490

■ 0F6400

■ 92649A

■ 9A64A4

# Harmonies

## Analogous

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



5F6042



4E644A



3D6658

# Triad

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



4E644A



43617B



7D5355

# Complementary

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



4E644A



604A64

# 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.



785464



4E644A



595C7A

# Square

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



4E644A



336574



6C5772



795648

# Rectangle

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



4E644A



346762



6C5772



7C535A



# Sweetspot

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



4E644A



798278



64604A



3D423C



C2C2C2



424242



# Same Dimension

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



4E644A



60825A



4A6453



2F332E



127300



25F200



# Inverse Universe

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



604A64



7C5A82



644A5B



322E33



610073

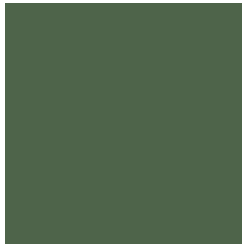


CD00F2



# Previews

## White Background



This preview shows how the Hex color 4E644A looks on a white background.

## Color Contrast Check

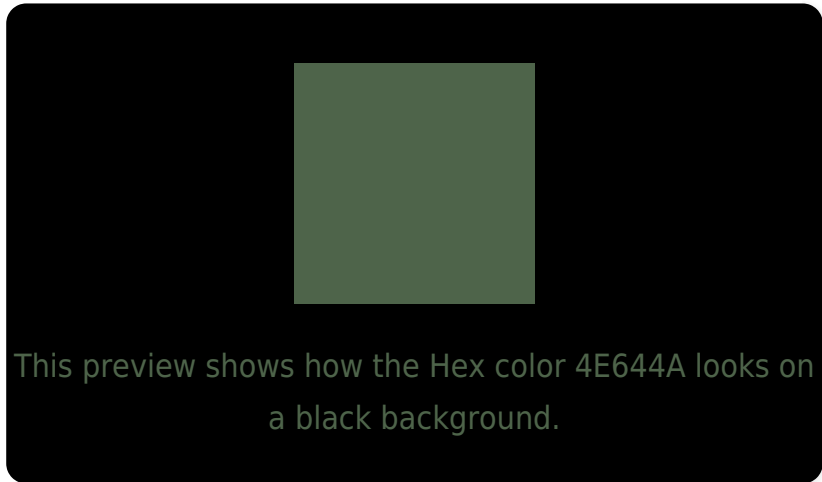
Large Text (above 18pt) WCAG AA ✓ Pass

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

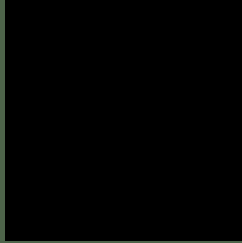
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E644A Background



This preview shows how black text looks on a background with the Hex color 4E644A.



This preview shows how white text looks on a background with the Hex color 4E644A.

# 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**  
4E644A

**Protanopia**  
645E47

**Deuteranopia**  
6D5A4C



**Tritanopia**  
536068

# Trichromacy



**Original Color**  
4E644A

**Protanomaly**  
5C6048

**Deuteranomaly**  
625E4B

**Tritanomaly**  
51615D

# Monochromacy



**Original Color**  
4E644A

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
565E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E644A 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 #4E644A looks like.

```
.text, #text, p{  
    color:#4E644A  
}
```

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 #4E644A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E644A
}
```

## Border

The CSS property to change the border of an element to Hex 4E644A 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
#4E644A }
```

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

```
.border{ border-color:#4E644A }
```

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

Here you see how a box with a 4 pixel #4E644A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E644A; -webkit-box-shadow:4px 4px  
4px 4px #4E644A; box-shadow:4px 4px 4px  
4px #4E644A }
```

# Background

The CSS property to change the background color of an element to Hex 4E644A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E644A }
```

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

```
.background{ background-color:#4E644A }
```

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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