

Converting Colors

Hex(464634)

Have a look what the booklet for
Hex(464634) contains.

Hex(464634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(464634)

Conversions

Conversions Part 1

Format	Color
Hex	464634
RGB	70, 70, 52
RGB Percent	27%, 27%, 20%
CMY	0.7255, 0.7255, 0.7961
CMYK	0.00, 0.00, 0.26, 0.73
HSL	60°, 15%, 24%
HSV	60°, 26%, 27%
XYZ	5.3358, 5.9303, 4.1123
YIQ	67.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

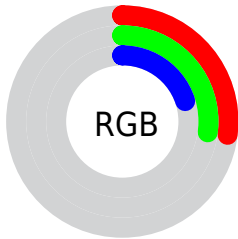
Format	Color
RYB	52, 70, 52
Decimal	4605492
CIELab	29.24, -3.53, 10.89
CIELCh	29, 11.450, 107.970
Yxy	5.9303, 0.3470, 0.3856
Android (android.graphics.Color)	4282795572 (0xFF464634)
YUV	67.9480, -7.8624, 1.7996
Hunter-Lab	24.3523, -3.5058, 7.0346

Details

The Hex color **464634** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343446**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **777663**, and **1B1B07** is the 20% darker color. If you saturate the color by 10%, you get **46462D**, and if you desaturate by 10%, it is **46463B**.

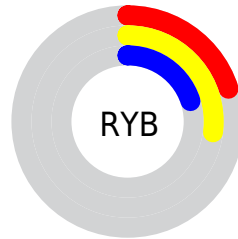
Distribution



Red (27%)

Green (27%)

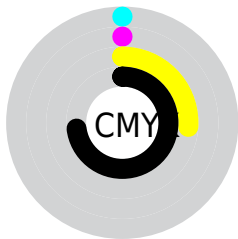
Blue (20%)



Red (20%)

Yellow (27%)

Blue (20%)

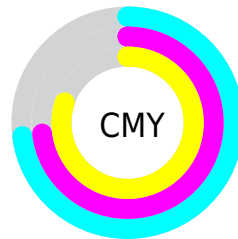


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464634 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 464634 by changing the saturation by 10% instead.



464634



464634

FFFFFF



2F301F



777663



1B1B07



90907B



000000



ABAA95



C6C6B0



E2E2CB



FFFE08



464634



464634



46462D



46463B

■ 464626

■ 464642

■ 46461F

■ 464649

■ 464618

■ 464650

■ 464611

■ 464657

■ 46460A

■ 46465E

■ 464603

■ 464665

■ 464600

■ 46466C

■ 464673

Harmonies

Analogous

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



4F4334



464634



3C4839

Triad

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



464634



2E4952



543F49

Complementary

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



464634



343446

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.



4D4151



464634



364756

Square

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



464634



2D4A4A



424456



573F40

Rectangle

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



464634



35493E



424456



523F4C

Sweetspot

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



464634



5C5C54



463434



2E2E29



ADADAD



2E2E2E

Same Dimension

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



464634



5C5C3F



3D4634



242420



636300



E3E300

Inverse Universe

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



343446



3F3F5C



3D3446



202024



000063



0000E3

Previews

White Background



This preview shows how the Hex color 464634 looks on a white background.

Color Contrast Check

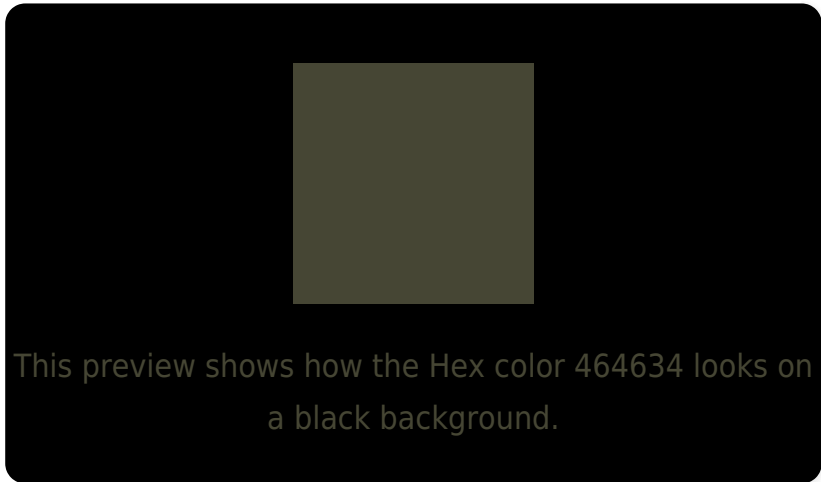
Large Text (above 18pt) WCAG AA ✓ Pass

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

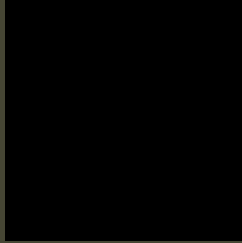
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

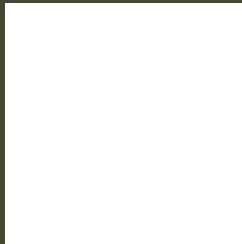
Any Text WCAG AAA × Fail

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

Hex 464634 Background



This preview shows how black text looks on a background with the Hex color 464634.

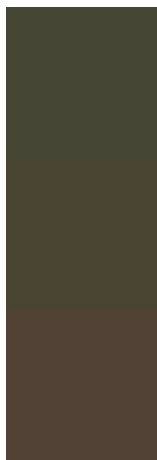


This preview shows how white text looks on a background with the Hex color 464634.

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


464634

Protanopia

4A4533

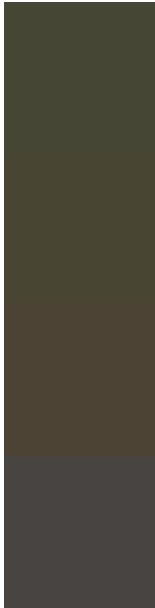
Deuteranopia

514235



Tritanopia
494349

Trichromacy



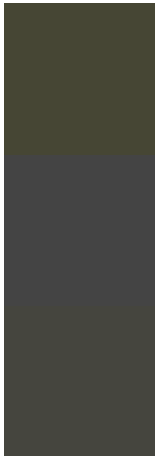
Original Color
464634

Protanomaly
494533

Deuteranomaly
4D4335

Tritanomaly
484441

Monochromacy



Original Color
464634

Achromatopsia
444444

Achromatomaly
45453E

CSS Examples

Text

The CSS property to change the color of the text to Hex 464634 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 #464634 looks like.

```
.text, #text, p{  
    color:#464634  
}
```

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 #464634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464634
}
```

Border

The CSS property to change the border of an element to Hex 464634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

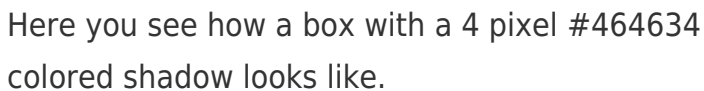
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464634 }
```

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

```
.border{ border-color:#464634 }
```

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



Here you see how a box with a 4 pixel #464634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464634; -webkit-box-shadow:4px 4px  
4px 4px #464634; box-shadow:4px 4px 4px  
4px #464634 }
```

Background

The CSS property to change the background color of an element to Hex 464634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464634 }
```

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

```
.background{ background-color:#464634 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor