

Converting Colors

Hex(4A4C47)

Have a look what the booklet for
Hex(4A4C47) contains.

Hex(4A4C47)	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(4A4C47)

Conversions

Conversions Part 1

Format	Color
Hex	4A4C47
RGB	74, 76, 71
RGB Percent	29%, 30%, 28%
CMY	0.7098, 0.7020, 0.7216
CMYK	0.03, 0.00, 0.07, 0.70
HSL	84°, 3%, 29%
HSV	84°, 7%, 30%
XYZ	6.5458, 7.0797, 6.9827
YIQ	74.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

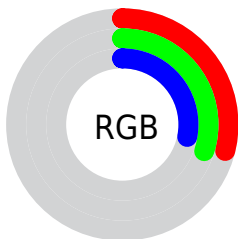
Format	Color
RYB	71, 76, 73
Decimal	4869191
CIELab	31.99, -1.89, 2.68
CIELCh	32, 3.284, 125.227
Yxy	7.0797, 0.3176, 0.3435
Android (android.graphics.Color)	4283059271 (0xFF4A4C47)
YUV	74.8320, -1.8892, -0.7297
Hunter-Lab	26.6076, -2.6501, 3.0656

Details

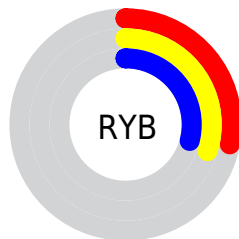
The Hex color **4A4C47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49474C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7B7D77**, and **1E201C** is the 20% darker color. If you saturate the color by 10%, you get **474C3F**, and if you desaturate by 10%, it is **4D4C4F**.

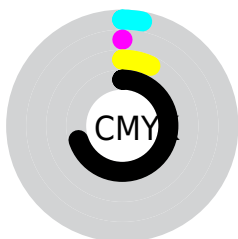
Distribution



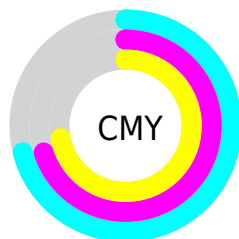
- Red (29%)
- Green (30%)
- Blue (28%)



- Red (28%)
- Yellow (30%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (70%)



- Cyan (71%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4C47 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 4A4C47 by changing the saturation by 10% instead.



4A4C47



4A4C47

FFFFFF



333531



7B7D77



1E201C



949791



050801



AFB1AB



000000



CACDC7



E7E9E3



4A4C47



4A4C47



474C3F



4D4C4F



444C38



504C56

■ 414C30

■ 534C5E

■ 3E4C29

■ 564C65

■ 3B4C21

■ 594C6D

■ 384C19

■ 5C4C75

■ 354C12

■ 5F4C7C

■ 324C0A

■ 624C84

■ 2F4C03

■ 654C8B

Harmonies

Analogous

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



4D4B46



4A4C47



474D49

Triad

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



4A4C47



474C50



514A4B

Complementary

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



4A4C47



49474C

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.



4F4A4D



4A4C47



494B50

Square

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



4A4C47



454D4E



4C4A4F



514A48

Rectangle

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



4A4C47



464D4B



4C4A4F



504A4C

Sweetspot

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



4A4C47



636361



4C4947



333332



B3B3B3



333333

Same Dimension

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



4A4C47



60635B



484C47



252622



3D6600



8AE600

Inverse Universe

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



49474C



5F5B63



4B474C



242226



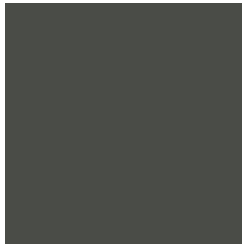
290066



5C00E6

Previews

White Background



This preview shows how the Hex color 4A4C47 looks on a white background.

Color Contrast Check

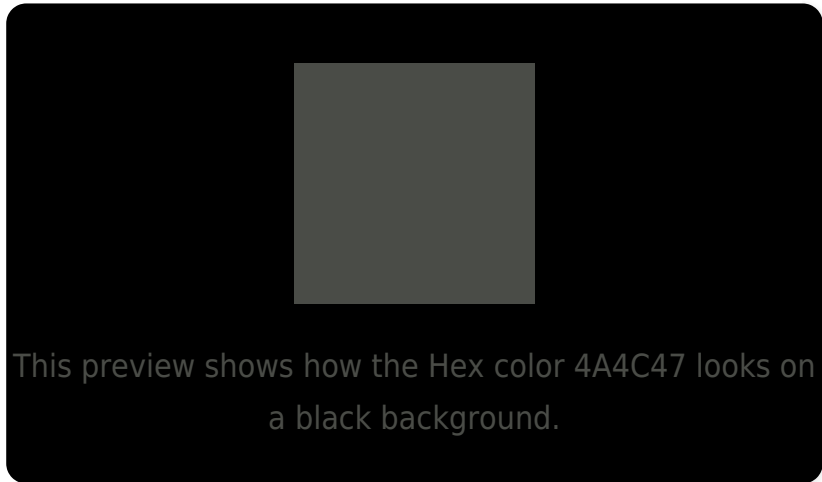
Large Text (above 18pt) WCAG AA ✓ Pass

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

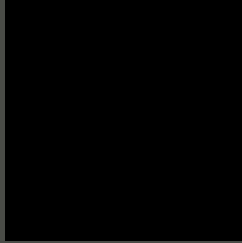
Any Text WCAG AA × Fail

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 4A4C47 Background



This preview shows how black text looks on a background with the Hex color 4A4C47.



This preview shows how white text looks on a background with the Hex color 4A4C47.

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


4A4C47

Protanopia

4E4B46

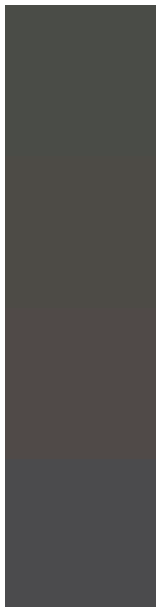
Deuteranopia

544948



Tritanopia
4B4B50

Trichromacy



Original Color

4A4C47

Protanomaly

4D4B46

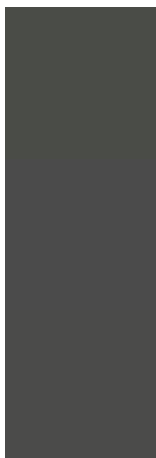
Deuteranomaly

504A48

Tritanomaly

4B4B4D

Monochromacy



Original Color

4A4C47

Achromatopsia

4B4B4B

Achromatomaly

4B4B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4C47 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 #4A4C47 looks like.

```
.text, #text, p{  
    color:#4A4C47  
}
```

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 #4A4C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4C47
}
```

Border

The CSS property to change the border of an element to Hex 4A4C47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

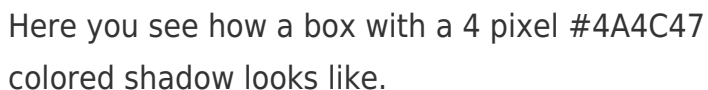
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4C47 }
```

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

```
.border{ border-color:#4A4C47 }
```

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



Here you see how a box with a 4 pixel #4A4C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4C47; -webkit-box-shadow:4px 4px  
4px 4px #4A4C47; box-shadow:4px 4px 4px  
4px #4A4C47 }
```

Background

The CSS property to change the background color of an element to Hex 4A4C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4C47 }
```

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

```
.background{ background-color:#4A4C47 }
```

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