

Converting Colors

Hex(4B4C48)

Have a look what the booklet for
Hex(4B4C48) contains.

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Color

Hex(4B4C48)

Conversions

Conversions Part 1

Format	Color
Hex	4B4C48
RGB	75, 76, 72
RGB Percent	29%, 30%, 28%
CMY	0.7059, 0.7020, 0.7176
CMYK	0.01, 0.00, 0.05, 0.70
HSL	75°, 3%, 29%
HSV	75°, 5%, 30%
XYZ	6.6558, 7.1326, 7.1568
YIQ	75.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

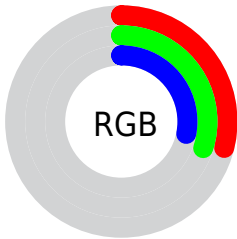
Format	Color
R_{YB}	72, 76, 73
Decimal	4934728
CIE Lab	32.11, -1.27, 2.23
CIE LCh	32, 2.564, 119.625
Yxy	7.1326, 0.3178, 0.3405
Android (android.graphics.Color)	4283124808 (0xFF4B4C48)
YUV	75.2450, -1.5998, -0.2149
Hunter-Lab	26.7070, -2.2522, 2.8066

Details

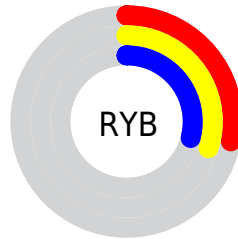
The Hex color **4B4C48** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49484C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7C7D78**, and **1F201D** is the 20% darker color. If you saturate the color by 10%, you get **494C40**, and if you desaturate by 10%, it is **4D4C50**.

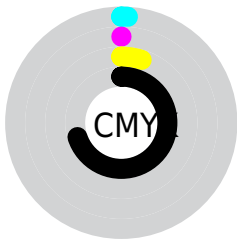
Distribution



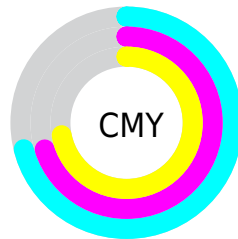
- Red (29%)
- Green (30%)
- Blue (28%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4C48 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 4B4C48 by changing the saturation by 10% instead.



4B4C48



4B4C48

FFFFFF



343532



7C7D78



1F201D



969792



070802



B0B1AD



000000



CCCDC8



E8E9E4



4B4C48



4B4C48



494C40



4D4C50



474C39



4F4C57

■ 454C31

■ 514C5F

■ 434C2A

■ 534C66

■ 424C22

■ 544C6E

■ 404C1A

■ 564C76

■ 3E4C13

■ 584C7D

■ 3C4C0B

■ 5A4C85

■ 3A4C04

■ 5C4C8C

Harmonies

Analogous

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



4D4B48



4B4C48



494D49

Triad

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



4B4C48



484C4F



504A4C

Complementary

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



4B4C48



49484C

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.



4E4A4E



4B4C48



4A4C4F

Square

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



4B4C48



474D4D



4C4B4F



504A4A

Rectangle

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



4B4C48



484D4B



4C4B4F



4F4A4C

Sweetspot

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



4B4C48



636361



4C4948



333332



B3B3B3



333333

Same Dimension

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



4B4C48



62635D



494C48



262624



4D6600



ACE600

Inverse Universe

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



49484C



5F5D63



4B484C



242426



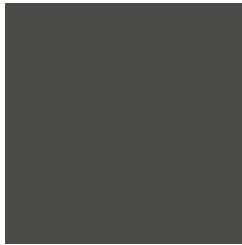
190066



3900E6

Previews

White Background



This preview shows how the Hex color 4B4C48 looks on a white background.

Color Contrast Check

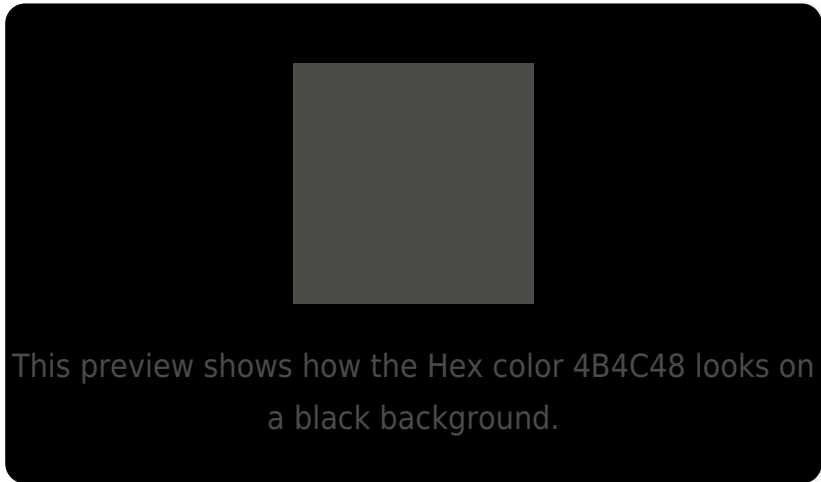
Large Text (above 18pt) WCAG AA ✓ Pass

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

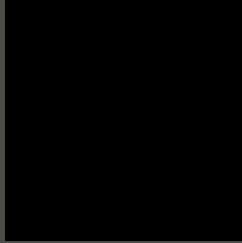
Any Text WCAG AA × Fail

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 4B4C48 Background



This preview shows how black text looks on a background with the Hex color 4B4C48.



This preview shows how white text looks on a background with the Hex color 4B4C48.

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
4B4C48

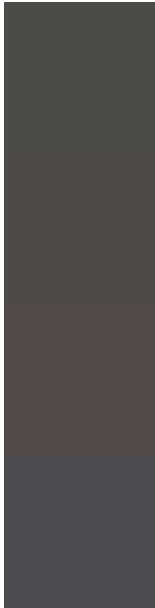
Protanopia
4E4B48

Deuteranopia
544949



Tritanopia
4C4B51

Trichromacy



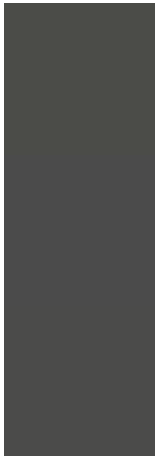
Original Color
4B4C48

Protanomaly
4D4B48

Deuteranomaly
514A49

Tritanomaly
4C4B4E

Monochromacy



Original Color
4B4C48

Achromatopsia
4B4B4B

Achromatomaly
4B4B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4C48 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 #4B4C48 looks like.

```
.text, #text, p{  
    color:#4B4C48  
}
```

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 #4B4C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4C48
}
```

Border

The CSS property to change the border of an element to Hex 4B4C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

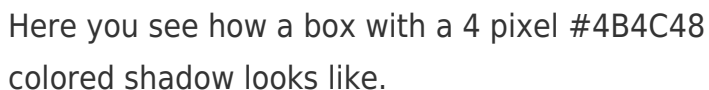
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4C48 }
```

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

```
.border{ border-color:#4B4C48 }
```

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



Here you see how a box with a 4 pixel #4B4C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4C48; -webkit-box-shadow:4px 4px  
4px 4px #4B4C48; box-shadow:4px 4px 4px  
4px #4B4C48 }
```

Background

The CSS property to change the background color of an element to Hex 4B4C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4C48 }
```

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

```
.background{ background-color:#4B4C48 }
```

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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