

Converting Colors

Hex(4B4E48)

Have a look what the booklet for
Hex(4B4E48) contains.

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Color

Hex(4B4E48)

Conversions

Conversions Part 1

Format	Color
Hex	4B4E48
RGB	75, 78, 72
RGB Percent	29%, 31%, 28%
CMY	0.7059, 0.6941, 0.7176
CMYK	0.04, 0.00, 0.08, 0.69
HSL	90°, 4%, 29%
HSV	90°, 8%, 31%
XYZ	6.7957, 7.4125, 7.2035
YIQ	76.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

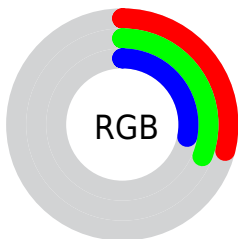
Format	Color
R_{YB}	72, 78, 75
Decimal	4935240
CIE Lab	32.73, -2.51, 3.12
CIE LCh	33, 4.008, 128.779
Yxy	7.4125, 0.3174, 0.3462
Android (android.graphics.Color)	4283125320 (0xFF4B4E48)
YUV	76.4190, -2.1786, -1.2445
Hunter-Lab	27.2259, -3.0908, 3.3711

Details

The Hex color **4B4E48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B484E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7C7F78**, and **1F221D** is the 20% darker color. If you saturate the color by 10%, you get **474E40**, and if you desaturate by 10%, it is **4F4E50**.

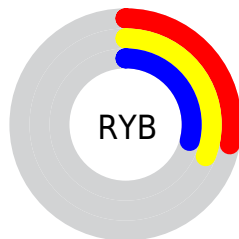
Distribution



Red (29%)

Green (31%)

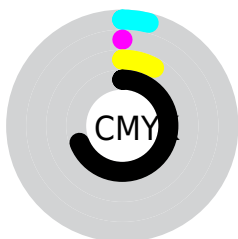
Blue (28%)



Red (28%)

Yellow (31%)

Blue (29%)

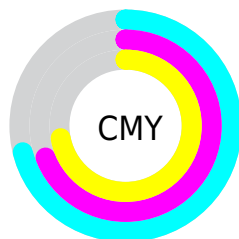


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E48 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 4B4E48 by changing the saturation by 10% instead.



4B4E48



4B4E48

FFFFFF



343732



7C7F78



1F221D



969992



070C02



B0B4AD



000000



CCCFC8



E8EBE4



4B4E48



4B4E48



474E40



4F4E50



434E38



534E58

■ 3F4E31

■ 574E5F

■ 3B4E29

■ 5B4E67

■ 384E21

■ 5F4E6F

■ 344E19

■ 624E77

■ 304E11

■ 664E7F

■ 2C4E0A

■ 6A4E86

■ 284E02

■ 6E4E8E

Harmonies

Analogous

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



4F4D47



4B4E48



484F4B

Triad

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



4B4E48



474E53



544B4C

Complementary

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



4B4E48



4B484E

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.



524B4F



4B4E48



4B4D53

Square

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



4B4E48



454F51



4F4C52



544B49

Rectangle

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



4B4E48



464F4D



4F4C52



534B4D

Sweetspot

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



4B4E48



656664



4E4B48



323332



B3B3B3



333333

Same Dimension

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



4B4E48



61665D



484E48



242622



336600



73E600

Inverse Universe

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



4B484E



615D66



4E484E



242226



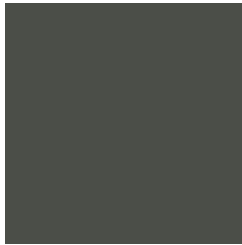
330066



7300E6

Previews

White Background



This preview shows how the Hex color 4B4E48 looks on a white background.

Color Contrast Check

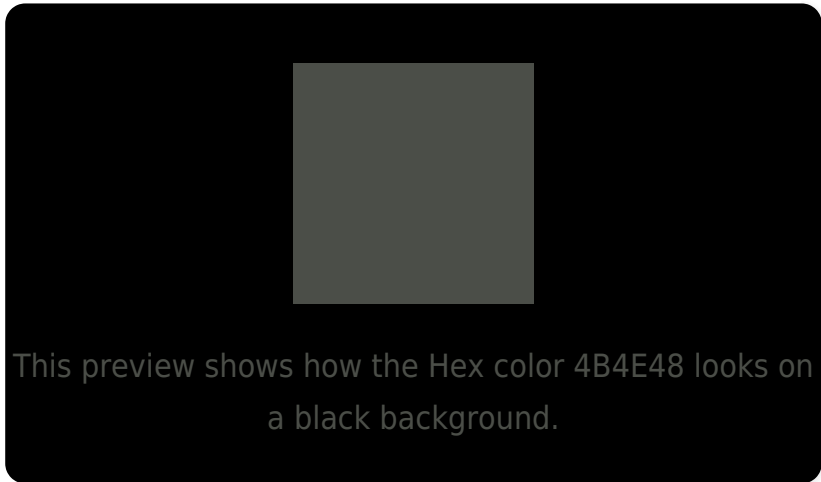
Large Text (above 18pt) WCAG AA ✓ Pass

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

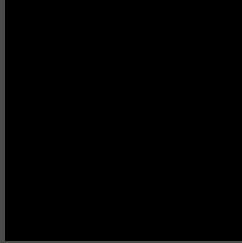
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

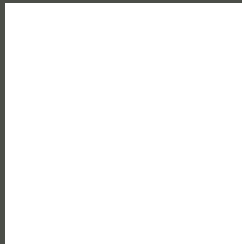
Any Text WCAG AAA × Fail

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

Hex 4B4E48 Background



This preview shows how black text looks on a background with the Hex color 4B4E48.

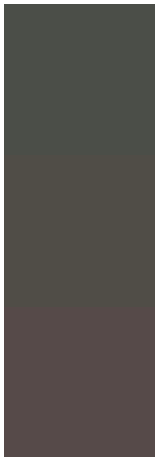


This preview shows how white text looks on a background with the Hex color 4B4E48.

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
4B4E48

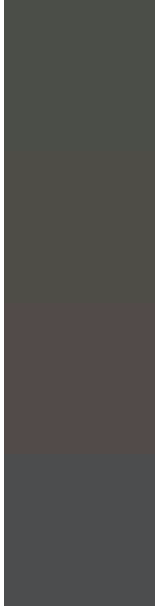
Protanopia
504D47

Deuteranopia
564A49



Tritanopia
4D4C52

Trichromacy



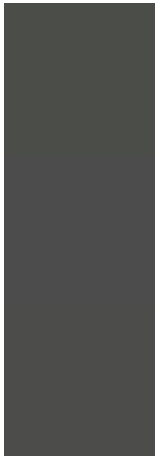
Original Color
4B4E48

Protanomaly
4E4D47

Deuteranomaly
524B49

Tritanomaly
4C4D4E

Monochromacy



Original Color
4B4E48

Achromatopsia
4C4C4C

Achromatomaly
4C4D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4E48 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 #4B4E48 looks like.

```
.text, #text, p{  
    color:#4B4E48  
}
```

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 #4B4E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E48
}
```

Border

The CSS property to change the border of an element to Hex 4B4E48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

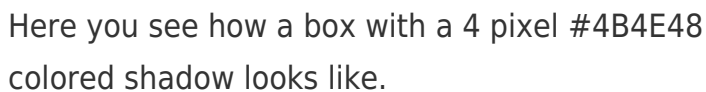
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4E48 }
```

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

```
.border{ border-color:#4B4E48 }
```

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



Here you see how a box with a 4 pixel #4B4E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E48; -webkit-box-shadow:4px 4px  
4px 4px #4B4E48; box-shadow:4px 4px 4px  
4px #4B4E48 }
```

Background

The CSS property to change the background color of an element to Hex 4B4E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E48 }
```

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

```
.background{ background-color:#4B4E48 }
```

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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