

Converting Colors

Hex(4B4D46)

Have a look what the booklet for
Hex(4B4D46) contains.

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Color

Hex(4B4D46)

Conversions

Conversions Part 1

Format	Color
Hex	4B4D46
RGB	75, 77, 70
RGB Percent	29%, 30%, 27%
CMY	0.7059, 0.6980, 0.7255
CMYK	0.03, 0.00, 0.09, 0.70
HSL	77°, 5%, 29%
HSV	77°, 9%, 30%
XYZ	6.6610, 7.2458, 6.8419
YIQ	75.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

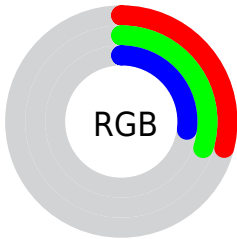
Format	Color
RYB	70, 77, 72
Decimal	4934982
CIELab	32.36, -2.30, 3.87
CIELCh	32, 4.502, 120.792
Yxy	7.2458, 0.3210, 0.3492
Android (android.graphics.Color)	4283125062 (0xFF4B4D46)
YUV	75.6040, -2.7628, -0.5297
Hunter-Lab	26.9180, -2.9357, 3.7727

Details

The Hex color **4B4D46** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48464D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7C7E76**, and **1F211B** is the 20% darker color. If you saturate the color by 10%, you get **494D3E**, and if you desaturate by 10%, it is **4D4D4E**.

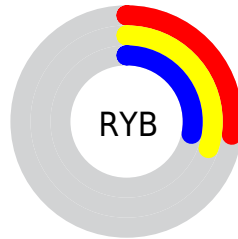
Distribution



Red (29%)

Green (30%)

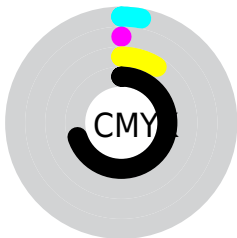
Blue (27%)



Red (27%)

Yellow (30%)

Blue (28%)

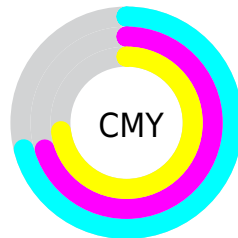


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4D46 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 4B4D46 by changing the saturation by 10% instead.

■ 4B4D46

■ 4B4D46

FFFFFF

■ 343630

■ 7C7E76

■ 1F211B

■ 969890

■ 070A00

■ B0B2AA

■ 000000

■ CCCEC6

■ E8EAE2

FFFFFFE

■ 4B4D46

■ 4B4D46

■ 494D3E

■ 4D4D4E

■ 474D37

■ 4F4D55

■ 444D2F

■ 524D5D

■ 424D27

■ 544D65

■ 404D20

■ 564D6D

■ 3E4D18

■ 584D74

■ 3C4D10

■ 5A4D7C

■ 394D08

■ 5D4D84

■ 374D01

■ 5F4D8B

Harmonies

Analogous

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



4F4C45



4B4D46



474E49

Triad

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



4B4D46



454D52



534A4C

Complementary

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



4B4D46



48464D

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.



514A50



4B4D46



494C53

Square

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



4B4D46



434E50



4D4B52



544A49

Rectangle

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



4B4D46



454E4B



4D4B52



534A4D

Sweetspot

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



4B4D46



636360



4D4846



323331



B3B3B3



333333

Same Dimension

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



4B4D46



606359



484D46



252622



496600



A4E600

Inverse Universe

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



48464D



5C5963



4B464D



242226



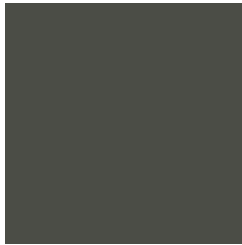
1D0066



4200E6

Previews

White Background



This preview shows how the Hex color 4B4D46 looks on a white background.

Color Contrast Check

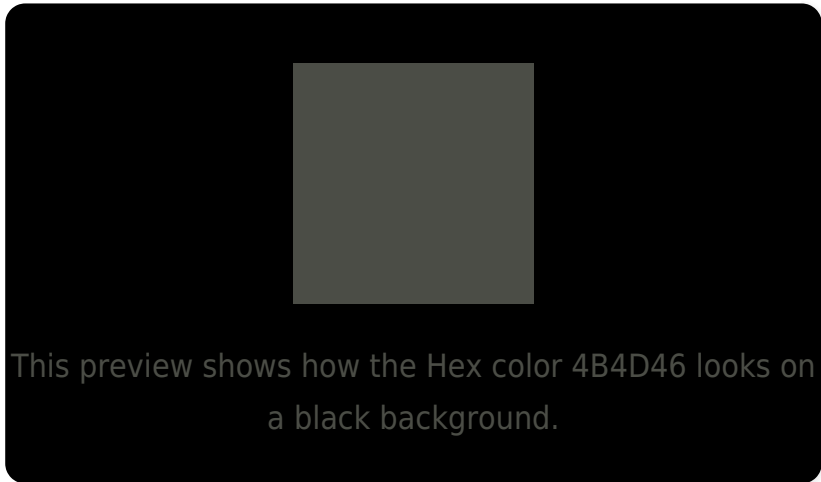
Large Text (above 18pt) WCAG AA ✓ Pass

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

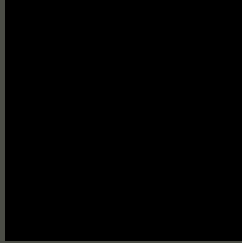
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

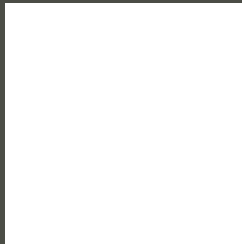
Any Text WCAG AAA × Fail

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

Hex 4B4D46 Background



This preview shows how black text looks on a background with the Hex color 4B4D46.



This preview shows how white text looks on a background with the Hex color 4B4D46.

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


4B4D46

Protanopia

4F4C45

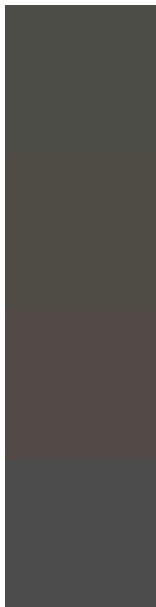
Deuteranopia

554947



Tritanopia
4D4B51

Trichromacy



Original Color

4B4D46

Protanomaly

4E4C45

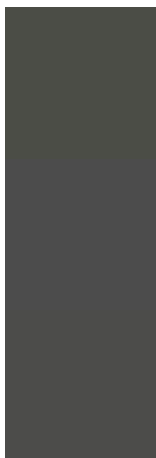
Deuteranomaly

514A47

Tritanomaly

4C4C4D

Monochromacy



Original Color

4B4D46

Achromatopsia

4C4C4C

Achromatomaly

4C4C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4D46 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 #4B4D46 looks like.

```
.text, #text, p{  
    color:#4B4D46  
}
```

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 #4B4D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4D46
}
```

Border

The CSS property to change the border of an element to Hex 4B4D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

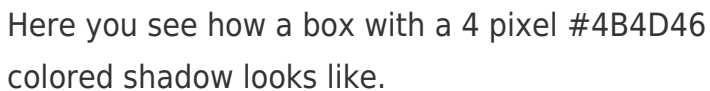
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4D46 }
```

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

```
.border{ border-color:#4B4D46 }
```

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



Here you see how a box with a 4 pixel #4B4D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4D46; -webkit-box-shadow:4px 4px  
4px 4px #4B4D46; box-shadow:4px 4px 4px  
4px #4B4D46 }
```

Background

The CSS property to change the background color of an element to Hex 4B4D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4D46 }
```

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

```
.background{ background-color:#4B4D46 }
```

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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