

Converting Colors

Hex(4B4D40)

Have a look what the booklet for
Hex(4B4D40) contains.

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Color

Hex(4B4D40)

Conversions

Conversions Part 1

Format	Color
Hex	4B4D40
RGB	75, 77, 64
RGB Percent	29%, 30%, 25%
CMY	0.7059, 0.6980, 0.7490
CMYK	0.03, 0.00, 0.17, 0.70
HSL	69°, 9%, 28%
HSV	69°, 17%, 30%
XYZ	6.4809, 7.1738, 5.8936
YIQ	74.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

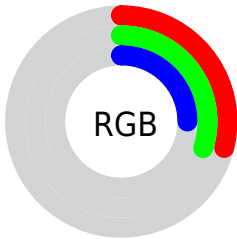
Format	Color
RYB	64, 77, 66
Decimal	4934976
CIELab	32.20, -3.49, 7.45
CIElCh	32, 8.223, 115.085
Yxy	7.1738, 0.3315, 0.3670
Android (android.graphics.Color)	4283125056 (0xFF4B4D40)
YUV	74.9200, -5.3836, 0.0702
Hunter-Lab	26.7839, -3.6799, 5.7024

Details

The Hex color **4B4D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42404D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7C7E70**, and **1F2116** is the 20% darker color. If you saturate the color by 10%, you get **4A4D38**, and if you desaturate by 10%, it is **4C4D48**.

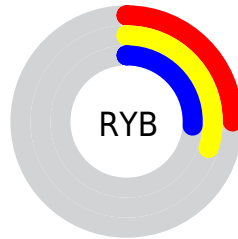
Distribution



Red (29%)

Green (30%)

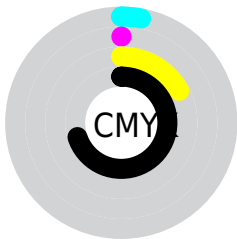
Blue (25%)



Red (25%)

Yellow (30%)

Blue (26%)

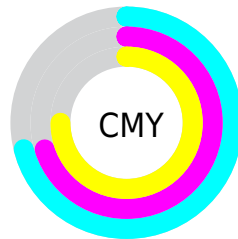


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4D40 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 4B4D40 by changing the saturation by 10% instead.



4B4D40



4B4D40

FFFFFF



34362A



7C7E70



1F2116



969889



030A00



B0B2A3



000000



CCCEBE



E8EADA



FFFFFF7



4B4D40



4B4D40



4A4D38



4C4D48

■ 494D31

■ 4D4D4F

■ 474D29

■ 4F4D57

■ 464D21

■ 504D5F

■ 454D19

■ 514D67

■ 444D12

■ 524D6E

■ 434D0A

■ 534D76

■ 424D02

■ 544D7E

■ 414D00

■ 564D85

Harmonies

Analogous

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



524B3F



4B4D40



444F44

Triad

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



4B4D40



3D4E56



58474D

Complementary

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



4B4D40



42404D

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.



534853



4B4D40



434D58

Square

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



4B4D40



3B4F51



4C4A57



594847

Rectangle

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



4B4D40



3F4F48



4C4A57



57484F

Sweetspot

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



4B4D40



63635E



4D4240



333330



B3B3B3



333333

Same Dimension

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



4B4D40



606350



454D40



262622



566600



C2E600

Inverse Universe

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



42404D



535063



48404D



232226



100066



2300E6

Previews

White Background



This preview shows how the Hex color 4B4D40 looks on a white background.

Color Contrast Check

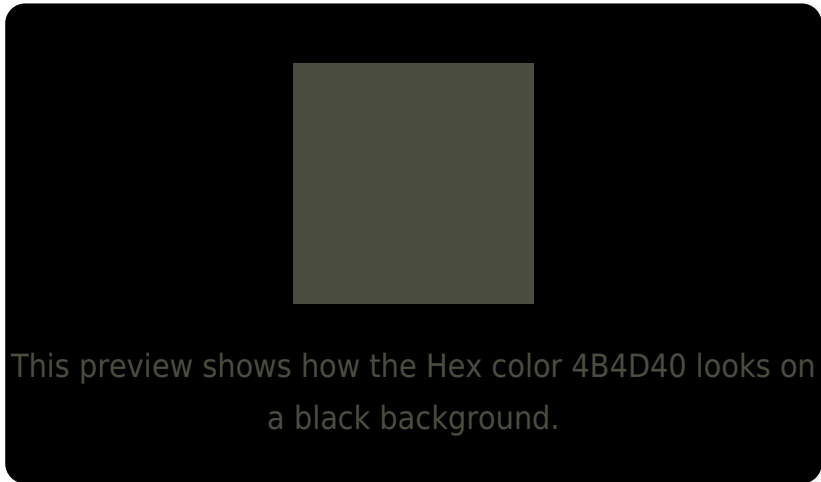
Large Text (above 18pt) WCAG AA ✓ Pass

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

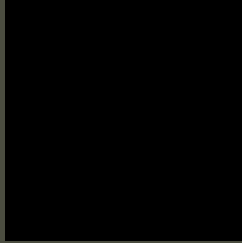
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

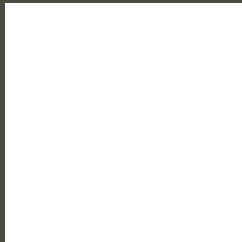
Any Text WCAG AAA × Fail

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

Hex 4B4D40 Background



This preview shows how black text looks on a background with the Hex color 4B4D40.

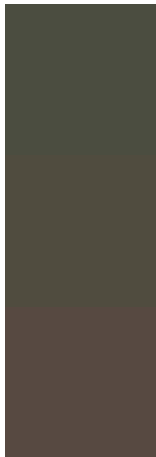


This preview shows how white text looks on a background with the Hex color 4B4D40.

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
4B4D40

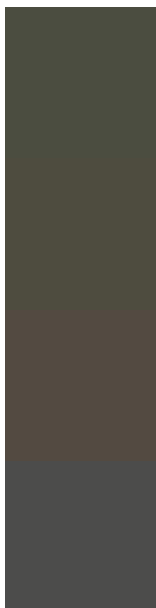
Protanopia
504C3F

Deuteranopia
574941



Tritanopia
4D4B51

Trichromacy



Original Color

4B4D40

Protanomaly

4E4C3F

Deuteranomaly

534A41

Tritanomaly

4C4C4B

Monochromacy



Original Color

4B4D40

Achromatopsia

4B4B4B

Achromatomaly

4B4C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4D40 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 #4B4D40 looks like.

```
.text, #text, p{  
    color:#4B4D40  
}
```

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 #4B4D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4D40
}
```

Border

The CSS property to change the border of an element to Hex 4B4D40 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
#4B4D40 }
```

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

```
.border{ border-color:#4B4D40 }
```

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

Here you see how a box with a 4 pixel #4B4D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4D40; -webkit-box-shadow:4px 4px  
4px 4px #4B4D40; box-shadow:4px 4px 4px  
4px #4B4D40 }
```

Background

The CSS property to change the background color of an element to Hex 4B4D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4D40 }
```

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

```
.background{ background-color:#4B4D40 }
```

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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