

Converting Colors

Hex(4C4C46)

Have a look what the booklet for
Hex(4C4C46) contains.

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Color

Hex(4C4C46)

Conversions

Conversions Part 1

Format	Color
Hex	4C4C46
RGB	76, 76, 70
RGB Percent	30%, 30%, 27%
CMY	0.7020, 0.7020, 0.7255
CMYK	0.00, 0.00, 0.08, 0.70
HSL	60°, 4%, 29%
HSV	60°, 8%, 30%
XYZ	6.6704, 7.1476, 6.8224
YIQ	75.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

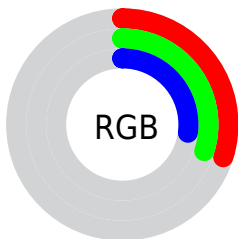
Format	Color
R_{YB}	70, 76, 70
Decimal	5000262
CIE Lab	32.14, -1.26, 3.56
CIE LCh	32, 3.781, 109.489
Yxy	7.1476, 0.3232, 0.3463
Android (android.graphics.Color)	4283190342 (0xFF4C4C46)
YUV	75.3160, -2.6208, 0.5999
Hunter-Lab	26.7350, -2.2501, 3.5845

Details

The Hex color **4C4C46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46464C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D7D76**, and **20201B** is the 20% darker color. If you saturate the color by 10%, you get **4C4C3E**, and if you desaturate by 10%, it is **4C4C4E**.

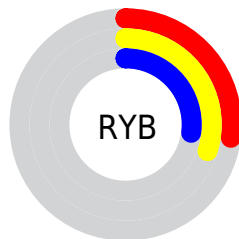
Distribution



Red (30%)

Green (30%)

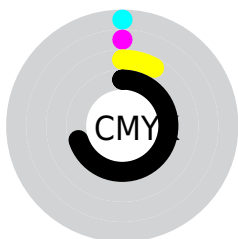
Blue (27%)



Red (27%)

Yellow (30%)

Blue (27%)

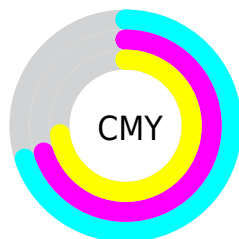


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (70%)



Cyan (70%)

Magenta (70%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4C46 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 4C4C46 by changing the saturation by 10% instead.



4C4C46



4C4C46

FFFFFF



353530



7D7D76



20201B



979790



090800



B1B1AA



000000



CDCDC6



E9E9E2

FFFFFFE



4C4C46



4C4C46



4C4C3E



4C4C4E

■ 4C4C37

■ 4C4C55

■ 4C4C2F

■ 4C4C5D

■ 4C4C28

■ 4C4C64

■ 4C4C20

■ 4C4C6C

■ 4C4C18

■ 4C4C74

■ 4C4C11

■ 4C4C7B

■ 4C4C09

■ 4C4C83

■ 4C4C02

■ 4C4C8A

Harmonies

Analogous

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



4F4B46



4C4C46



494D48

Triad

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



4C4C46



454D50



514A4D

Complementary

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



4C4C46



46464C

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.



4F4A4F



4C4C46



474C51

Square

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



4C4C46



444D4D



4B4B51



524A4A

Rectangle

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



4C4C46



474D49



4B4B51



504A4E

Sweetspot

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



4C4C46



636361



4C4646



333332



B3B3B3



333333

Same Dimension

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



4C4C46



63635A



494C46



262622



666600



E6E600

Inverse Universe

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



46464C



5A5A63



49464C



222226



000066



0000E6

Previews

White Background



This preview shows how the Hex color 4C4C46 looks on a white background.

Color Contrast Check

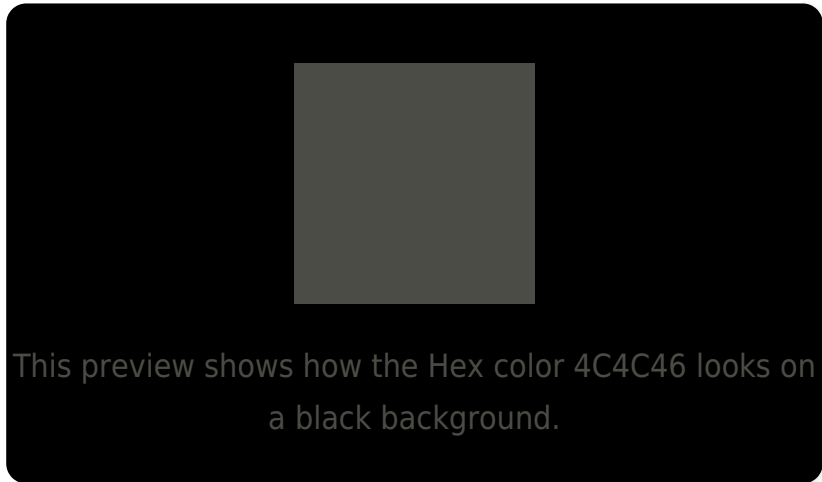
Large Text (above 18pt) WCAG AA ✓ Pass

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

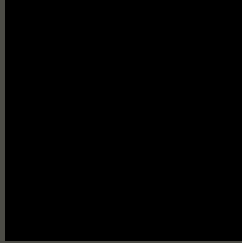
Any Text WCAG AA × Fail

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 4C4C46 Background



This preview shows how black text looks on a background with the Hex color 4C4C46.



This preview shows how white text looks on a background with the Hex color 4C4C46.

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
4C4C46

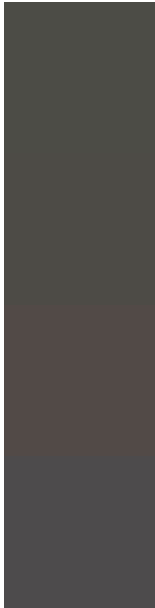
Protanopia
4E4B46

Deuteranopia
554947



Tritanopia
4E4A50

Trichromacy



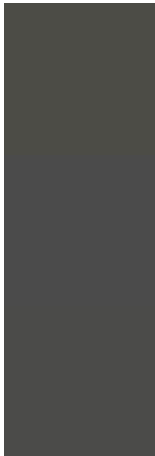
Original Color
4C4C46

Protanomaly
4D4B46

Deuteranomaly
524A47

Tritanomaly
4D4B4C

Monochromacy



Original Color
4C4C46

Achromatopsia
4B4B4B

Achromatomaly
4B4B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4C46 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 #4C4C46 looks like.

```
.text, #text, p{  
    color:#4C4C46  
}
```

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 #4C4C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4C46
}
```

Border

The CSS property to change the border of an element to Hex 4C4C46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

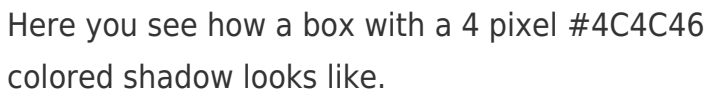
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4C46 }
```

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

```
.border{ border-color:#4C4C46 }
```

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



Here you see how a box with a 4 pixel #4C4C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4C46; -webkit-box-shadow:4px 4px  
4px 4px #4C4C46; box-shadow:4px 4px 4px  
4px #4C4C46 }
```

Background

The CSS property to change the background color of an element to Hex 4C4C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4C46 }
```

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

```
.background{ background-color:#4C4C46 }
```

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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