

Converting Colors

Hex(4A4A46)

Have a look what the booklet for
Hex(4A4A46) contains.

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Color

Hex(4A4A46)

Conversions

Conversions Part 1

Format	Color
Hex	4A4A46
RGB	74, 74, 70
RGB Percent	29%, 29%, 27%
CMY	0.7098, 0.7098, 0.7255
CMYK	0.00, 0.00, 0.05, 0.71
HSL	60°, 3%, 28%
HSV	60°, 5%, 29%
XYZ	6.3783, 6.7956, 6.7699
YIQ	73.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

Format	Color
R_YB	70, 74, 70
Decimal	4868678
CIE Lab	31.34, -0.85, 2.38
CIE LCh	31, 2.531, 109.703
Yxy	6.7956, 0.3198, 0.3407
Android (android.graphics.Color)	4283058758 (0xFF4A4A46)
YUV	73.5440, -1.7472, 0.3999
Hunter-Lab	26.0684, -1.9450, 2.8505

Details

The Hex color **4A4A46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46464A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7B7B76**, and **1E1E1B** is the 20% darker color. If you saturate the color by 10%, you get **4A4A3F**, and if you desaturate by 10%, it is **4A4A4D**.

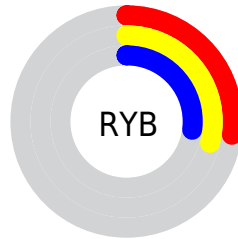
Distribution



Red (29%)

Green (29%)

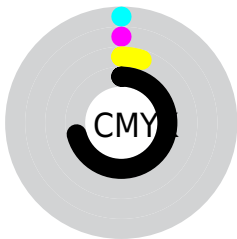
Blue (27%)



Red (27%)

Yellow (29%)

Blue (27%)

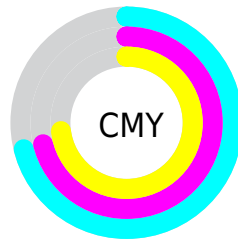


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4A46 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 4A4A46 by changing the saturation by 10% instead.



4A4A46



4A4A46

FFFFFF



333330



7B7B76



1E1E1B



949490



050500



AFAFAA



000000



CACAC6



E7E6E2

FFFFFFE



4A4A46



4A4A46



4A4A3F



4A4A4D

■ 4A4A37

■ 4A4A55

■ 4A4A30

■ 4A4A5C

■ 4A4A28

■ 4A4A64

■ 4A4A21

■ 4A4A6B

■ 4A4A1A

■ 4A4A72

■ 4A4A12

■ 4A4A7A

■ 4A4A0B

■ 4A4A81

■ 4A4A03

■ 4A4A89

Harmonies

Analogous

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



4C4946



4A4A46



484B47

Triad

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



4A4A46



454B4D



4D484A

Complementary

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



4A4A46



46464A

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.



4C494C



4A4A46



474A4E

Square

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



4A4A46



454B4B



49494D



4E4848

Rectangle

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



4A4A46



464B48



49494D



4D494B

Sweetspot

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



4A4A46



61615F



4A4646



30302F



B0B0B0



303030

Same Dimension

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



4A4A46



61615B



484A46



262624



666600



E6E600

Inverse Universe

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



46464A



5B5B61



48464A



242426



000066



0000E6

Previews

White Background



This preview shows how the Hex color 4A4A46 looks on a white background.

Color Contrast Check

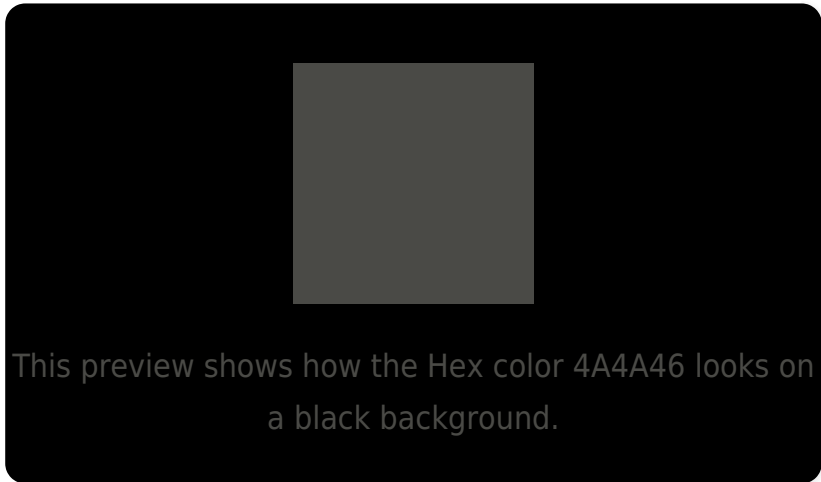
Large Text (above 18pt) WCAG AA ✓ Pass

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

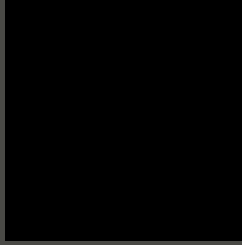
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

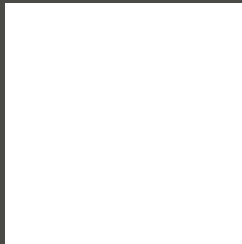
Any Text WCAG AAA × Fail

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

Hex 4A4A46 Background



This preview shows how black text looks on a background with the Hex color 4A4A46.



This preview shows how white text looks on a background with the Hex color 4A4A46.

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


4A4A46

Protanopia

4C4946

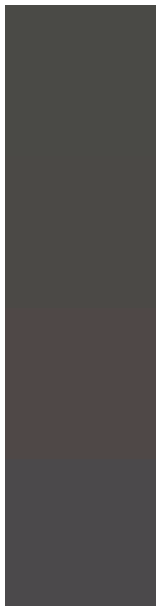
Deuteranopia

524747



Tritanopia
4B494E

Trichromacy



Original Color

4A4A46

Protanomaly

4B4946

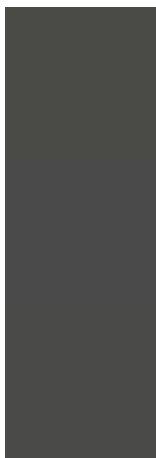
Deuteranomaly

4F4847

Tritanomaly

4B494B

Monochromacy



Original Color

4A4A46

Achromatopsia

4A4A4A

Achromatomaly

4A4A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4A46 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 #4A4A46 looks like.

```
.text, #text, p{  
    color:#4A4A46  
}
```

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 #4A4A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4A46
}
```

Border

The CSS property to change the border of an element to Hex 4A4A46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

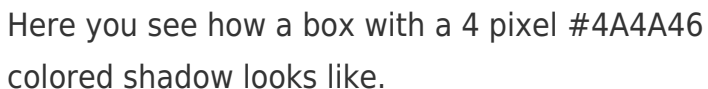
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4A46 }
```

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

```
.border{ border-color:#4A4A46 }
```

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



Here you see how a box with a 4 pixel #4A4A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4A46; -webkit-box-shadow:4px 4px  
4px 4px #4A4A46; box-shadow:4px 4px 4px  
4px #4A4A46 }
```

Background

The CSS property to change the background color of an element to Hex 4A4A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4A46 }
```

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

```
.background{ background-color:#4A4A46 }
```

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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