

Converting Colors

Hex(4A464C)

Have a look what the booklet for
Hex(4A464C) contains.

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Color

Hex(4A464C)

Conversions

Conversions Part 1

Format	Color
Hex	4A464C
RGB	74, 70, 76
RGB Percent	29%, 27%, 30%
CMY	0.7098, 0.7255, 0.7020
CMYK	0.03, 0.08, 0.00, 0.70
HSL	280°, 4%, 29%
HSV	280°, 8%, 30%
XYZ	6.3187, 6.3580, 7.7317
YIQ	71.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

Format	Color
R_{YB}	74, 70, 76
Decimal	4867660
CIE Lab	30.30, 2.99, -3.00
CIE LCh	30, 4.232, 314.942
Yxy	6.3580, 0.3096, 0.3115
Android (android.graphics.Color)	4283057740 (0xFF4A464C)
YUV	71.8800, 2.0312, 1.8592
Hunter-Lab	25.2150, 0.6046, -0.5295

Details

The Hex color **4A464C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484C46**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7B767D**, and **1E1B20** is the 20% darker color. If you saturate the color by 10%, you get **473E4C**, and if you desaturate by 10%, it is **4D4E4C**.

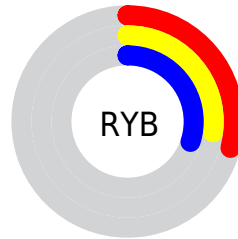
Distribution



Red (29%)

Green (27%)

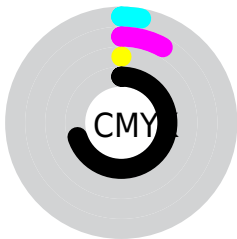
Blue (30%)



Red (29%)

Yellow (27%)

Blue (30%)

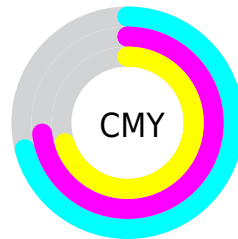


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (70%)



Cyan (71%)

Magenta (73%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A464C 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 4A464C by changing the saturation by 10% instead.



4A464C



4A464C

FFFFFF



333035



7B767D



1E1B20



949097



050009



AFAAB1



000000



CAC6CD



E7E2E9

FFFEFF



4A464C



4A464C



473E4C



4D4E4C

■ 45374C

■ 4F554C

■ 422F4C

■ 525D4C

■ 40284C

■ 54644C

■ 3D204C

■ 576C4C

■ 3B184C

■ 59744C

■ 38114C

■ 5C7B4C

■ 36094C

■ 5E834C

■ 33024C

■ 618A4C

Harmonies

Analogous

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



46474E



4A464C



4D4549

Triad

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



4A464C



4C4741



3F4949

Complementary

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



4A464C



484C46

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.



414946



4A464C



484841

Square

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



4A464C



4E4643



444943



40494C

Rectangle

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



4A464C



4E4547



444943



404948

Sweetspot

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



4A464C



636163



46484C



333233



B3B3B3



333333

Same Dimension

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



4A464C



605A63



4C464B



252226



440066



9900E6

Inverse Universe

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



4C4648



635A5D



464C47



262224



660022



E6004C

Previews

White Background



This preview shows how the Hex color 4A464C looks on a white background.

Color Contrast Check

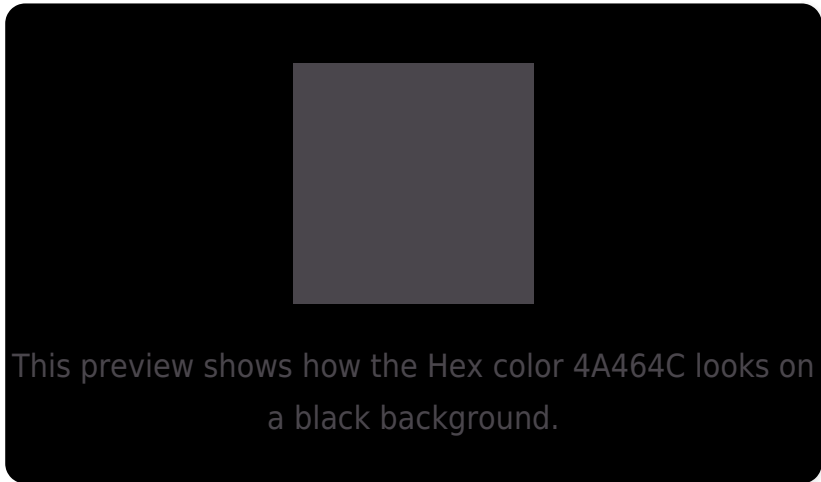
Large Text (above 18pt) WCAG AA ✓ Pass

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

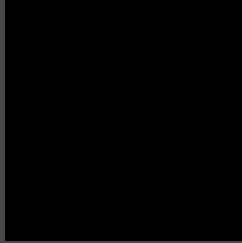
Any Text WCAG AA × Fail

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 4A464C Background



This preview shows how black text looks on a background with the Hex color 4A464C.

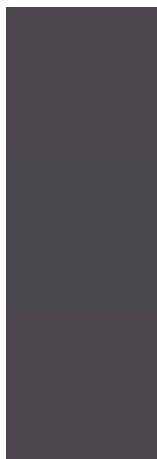


This preview shows how white text looks on a background with the Hex color 4A464C.

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


4A464C

Protanopia

47474D

Deuteranopia

4C454C



Tritanopia
4A464C

Trichromacy



Original Color

4A464C

Protanomaly

48474D

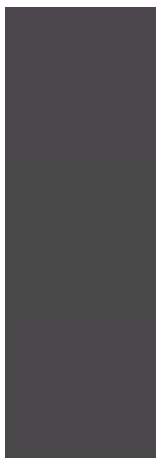
Deuteranomaly

4B454C

Tritanomaly

4A464C

Monochromacy



Original Color

4A464C

Achromatopsia

484848

Achromatomaly

494749

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A464C 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 #4A464C looks like.

```
.text, #text, p{  
    color:#4A464C  
}
```

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 #4A464C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A464C
}
```

Border

The CSS property to change the border of an element to Hex 4A464C is called "border". The border property can be set on classes, ids or directly on the HTML element.

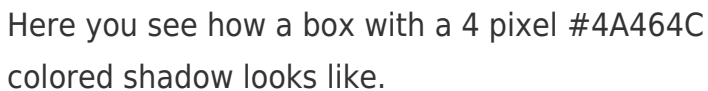
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A464C }
```

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

```
.border{ border-color:#4A464C }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#4A464C) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #4A464C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A464C; -webkit-box-shadow:4px 4px  
4px 4px #4A464C; box-shadow:4px 4px 4px  
4px #4A464C }
```

Background

The CSS property to change the background color of an element to Hex 4A464C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A464C }
```

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

```
.background{ background-color:#4A464C }
```

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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