

Converting Colors

Hex(49474C)

Have a look what the booklet for
Hex(49474C) contains.

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Color

Hex(49474C)

Conversions

Conversions Part 1

Format	Color
Hex	49474C
RGB	73, 71, 76
RGB Percent	29%, 28%, 30%
CMY	0.7137, 0.7216, 0.7020
CMYK	0.04, 0.07, 0.00, 0.70
HSL	264°, 3%, 29%
HSV	264°, 7%, 30%
XYZ	6.3054, 6.4447, 7.7491
YIQ	72.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

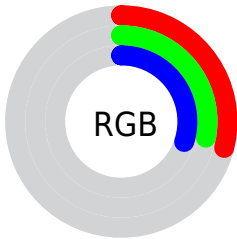
Format	Color
R_{YB}	73, 71, 76
Decimal	4802380
CIE Lab	30.51, 1.94, -2.70
CIE LCh	31, 3.323, 305.782
Yxy	6.4447, 0.3076, 0.3144
Android (android.graphics.Color)	4282992460 (0xFF49474C)
YUV	72.1680, 1.8892, 0.7297
Hunter-Lab	25.3865, -0.0913, -0.3274

Details

The Hex color **49474C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4C47**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A777D**, and **1D1C20** is the 20% darker color. If you saturate the color by 10%, you get **443F4C**, and if you desaturate by 10%, it is **4E4F4C**.

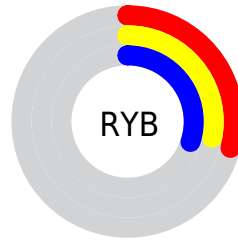
Distribution



Red (29%)

Green (28%)

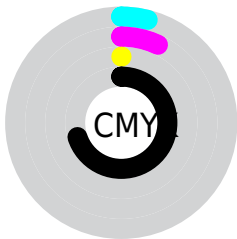
Blue (30%)



Red (29%)

Yellow (28%)

Blue (30%)

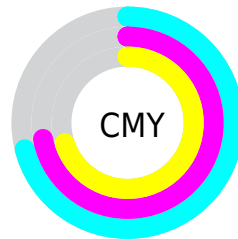


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (70%)



Cyan (71%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49474C 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 49474C by changing the saturation by 10% instead.



49474C



49474C

FFFFFF



333135



7A777D



1D1C20



939197



040109



AEABB1



000000



C9C7CD



E5E3E9



49474C



49474C



443F4C



4E4F4C



40384C



52564C

■ 3B304C

■ 575E4C

■ 37294C

■ 5B654C

■ 32214C

■ 606D4C

■ 2E194C

■ 64754C

■ 29124C

■ 697C4C

■ 250A4C

■ 6D844C

■ 20034C

■ 728B4C

Harmonies

Analogous

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



46484D



49474C



4C464A

Triad

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



49474C



4C4743



424948

Complementary

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



49474C



4A4C47

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.



444946



49474C



4A4843

Square

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



49474C



4D4645



474944



42494B

Rectangle

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



49474C



4D4648



474944



424947

Sweetspot

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



49474C



626163



474A4C



323233



B3B3B3



333333

Same Dimension

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



49474C



5F5B63



4B474C



242226



290066



5C00E6

Inverse Universe

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



4C474A



635B60



484C47



262225



66003D



E6008A

Previews

White Background



This preview shows how the Hex color 49474C looks on a white background.

Color Contrast Check

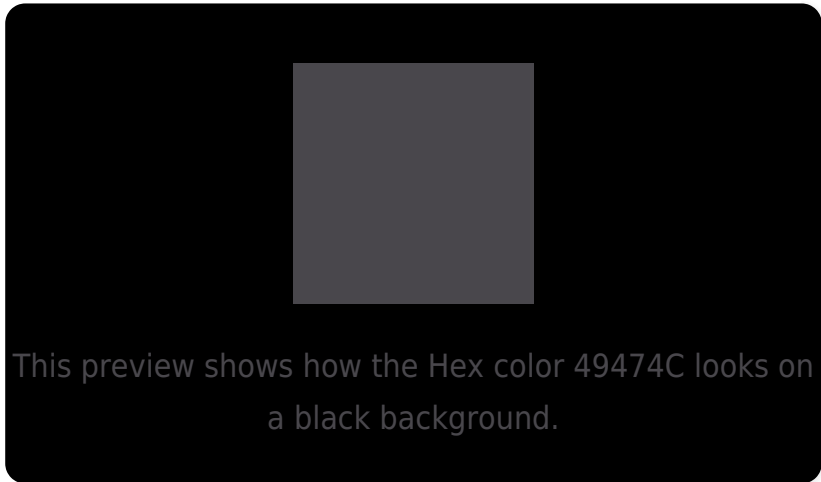
Large Text (above 18pt) WCAG AA ✓ Pass

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

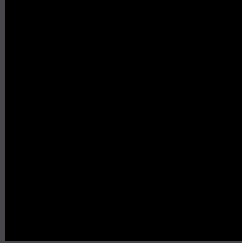
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

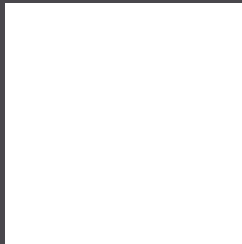
Any Text WCAG AAA × Fail

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

Hex 49474C Background



This preview shows how black text looks on a background with the Hex color 49474C.



This preview shows how white text looks on a background with the Hex color 49474C.

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
49474C

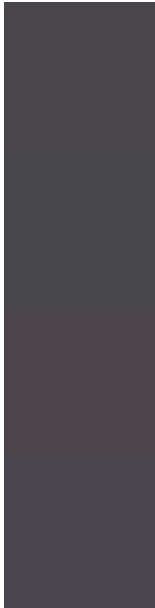
Protanopia
48474C

Deuteranopia
4D464C



Tritanopia
49474D

Trichromacy



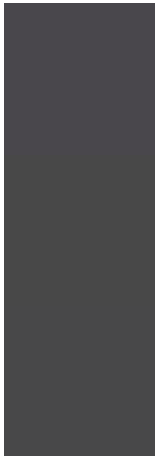
Original Color
49474C

Protanomaly
48474C

Deuteranomaly
4C464C

Tritanomaly
49474D

Monochromacy



Original Color
49474C

Achromatopsia
484848

Achromatomaly
484849

CSS Examples

Text

The CSS property to change the color of the text to Hex 49474C 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 #49474C looks like.

```
.text, #text, p{  
    color:#49474C  
}
```

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 #49474C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49474C
}
```

Border

The CSS property to change the border of an element to Hex 49474C is called "border". The border property can be set on classes, ids or directly on the HTML element.

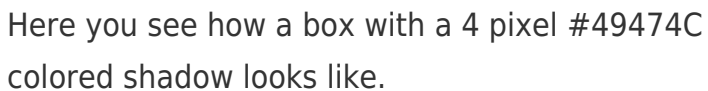
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49474C }
```

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

```
.border{ border-color:#49474C }
```

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



Here you see how a box with a 4 pixel #49474C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49474C; -webkit-box-shadow:4px 4px  
4px 4px #49474C; box-shadow:4px 4px 4px  
4px #49474C }
```

Background

The CSS property to change the background color of an element to Hex 49474C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49474C }
```

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

```
.background{ background-color:#49474C }
```

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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