

Converting Colors

Hex(49634C)

Have a look what the booklet for
Hex(49634C) contains.

Hex(49634C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49634C)

Conversions

Conversions Part 1

Format	Color
Hex	49634C
RGB	73, 99, 76
RGB Percent	29%, 39%, 30%
CMY	0.7137, 0.6118, 0.7020
CMYK	0.26, 0.00, 0.23, 0.61
HSL	127°, 15%, 34%
HSV	127°, 26%, 39%
XYZ	8.5140, 10.8620, 8.4853
YIQ	88.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

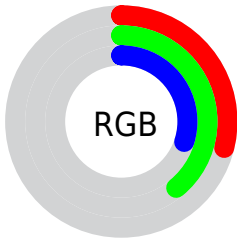
Format	Color
R_{YB}	73, 96, 99
Decimal	4809548
CIE Lab	39.35, -14.85, 10.00
CIE LCh	39, 17.899, 146.042
Yxy	10.8620, 0.3056, 0.3899
Android (android.graphics.Color)	4282999628 (0xFF49634C)
YUV	88.6040, -6.2138, -13.6847
Hunter-Lab	32.9575, -11.5632, 7.8053

Details

The Hex color **49634C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634960**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A967D**, and **1C3420** is the 20% darker color. If you saturate the color by 10%, you get **3F6343**, and if you desaturate by 10%, it is **536355**.

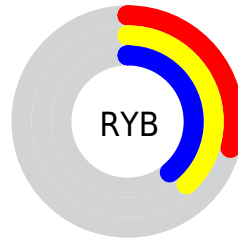
Distribution



Red (29%)

Green (39%)

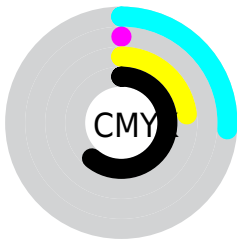
Blue (30%)



Red (29%)

Yellow (38%)

Blue (39%)

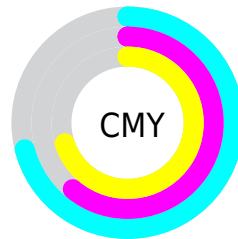


Cyan (26%)

Magenta (0%)

Yellow (23%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49634C 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 49634C by changing the saturation by 10% instead.



49634C



49634C

FFFFFF



324B35



7A967D



1C3420



94B197



061F09



AFCCB2



000000



CAE8CD



E7FFE9



49634C



49634C



3F6343



536355



35633A



5D635E

■ 2B6332

■ 676366

■ 216329

■ 71636F

■ 186320

■ 7B6378

■ 0E6317

■ 846381

■ 04630F

■ 8E6389

■ 00630B

■ 986392

■ A2639B

Harmonies

Analogous

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



5A6042



49634C



39655A

Triad

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



49634C



475F79



7A5351

Complementary

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



49634C



634960

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.



78525F



49634C



5C5A77

Square

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



49634C



366274



6E556D



745645

Rectangle

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



49634C



326564



6E556D



7A5255

Sweetspot

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



49634C



758076



606349



39403A



BFBFBF



404040

Same Dimension

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



49634C



57805B



496359



2C302C



00700D



00F01C

Inverse Universe

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



634960



80577B



634953



302C30



700063



F000D4

Previews

White Background



This preview shows how the Hex color 49634C looks on a white background.

Color Contrast Check

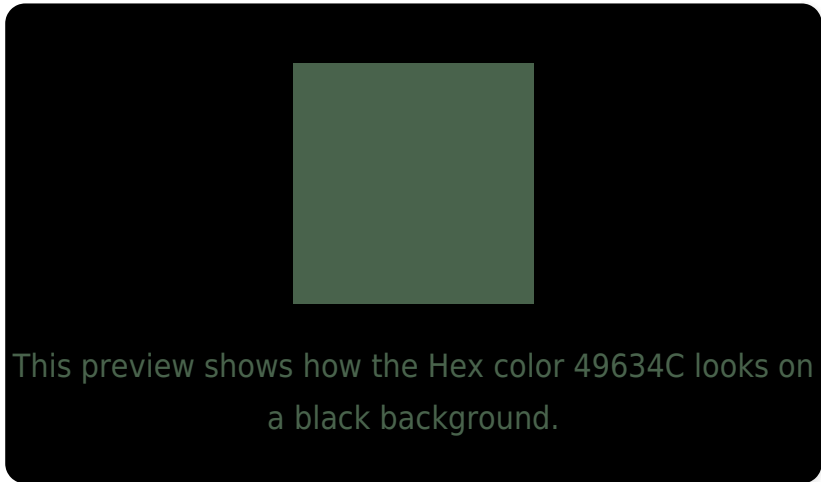
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

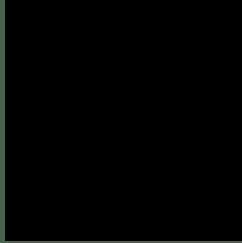
Any Text WCAG AA × Fail

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 49634C Background



This preview shows how black text looks on a background with the Hex color 49634C.



This preview shows how white text looks on a background with the Hex color 49634C.

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
49634C

Protanopia
625C49

Deuteranopia
6A594E



Tritanopia
4E5F67

Trichromacy



Original Color
49634C

Protanomaly
595F4A

Deuteranomaly
5E5D4D

Tritanomaly
4C605D

Monochromacy



Original Color
49634C

Achromatopsia
595959

Achromatomaly
535D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 49634C 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 #49634C looks like.

```
.text, #text, p{  
    color:#49634C  
}
```

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 #49634C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49634C
}
```

Border

The CSS property to change the border of an element to Hex 49634C is called "border". The border property can be set on classes, ids or directly on the HTML element.

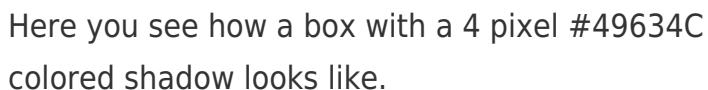
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49634C }
```

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

```
.border{ border-color:#49634C }
```

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



Here you see how a box with a 4 pixel #49634C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49634C; -webkit-box-shadow:4px 4px  
4px 4px #49634C; box-shadow:4px 4px 4px  
4px #49634C }
```

Background

The CSS property to change the background color of an element to Hex 49634C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49634C }
```

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

```
.background{ background-color:#49634C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor