

Converting Colors

Hex(59684D)

Have a look what the booklet for
Hex(59684D) contains.

Hex(59684D)	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(59684D)

Conversions

Conversions Part 1

Format	Color
Hex	59684D
RGB	89, 104, 77
RGB Percent	35%, 41%, 30%
CMY	0.6510, 0.5922, 0.6980
CMYK	0.14, 0.00, 0.26, 0.59
HSL	93°, 15%, 35%
HSV	93°, 26%, 41%
XYZ	10.4097, 12.5603, 8.8969
YIQ	96.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

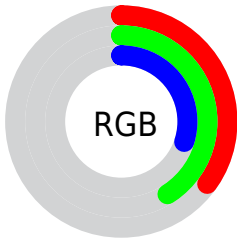
Format	Color
RYB	77, 104, 92
Decimal	5859405
CIELab	42.09, -11.18, 13.37
CIElCh	42, 17.430, 129.891
Yxy	12.5603, 0.3267, 0.3941
Android (android.graphics.Color)	4284049485 (0xFF59684D)
YUV	96.4370, -9.5824, -6.5222
Hunter-Lab	35.4405, -9.5913, 9.9243

Details

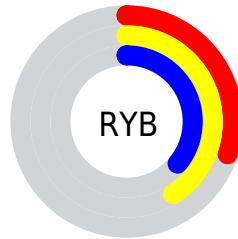
The Hex color **59684D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C4D68**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8B9B7E**, and **2B3921** is the 20% darker color. If you saturate the color by 10%, you get **536843**, and if you desaturate by 10%, it is **5F6857**.

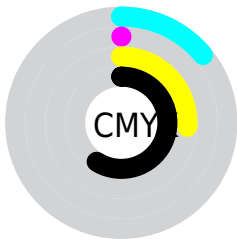
Distribution



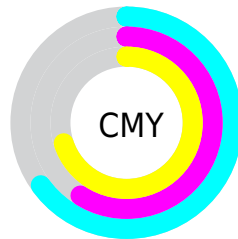
- Red (35%)
- Green (41%)
- Blue (30%)



- Red (30%)
- Yellow (41%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59684D 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 59684D by changing the saturation by 10% instead.



59684D



59684D

FFFFFF



415036



8B9B7E



2B3921



A6B698



16230B



C1D2B3



000E00



DDEECE



000000



F9FFEB



59684D



59684D



536843



5F6857



4D6838



656862

■ 48682E

■ 6A686C

■ 426823

■ 706877

■ 3C6819

■ 766881

■ 36680F

■ 7C688B

■ 316804

■ 816896

■ 2E6800

■ 8768A0

■ 8D68AB

Harmonies

Analogous

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



696447



59684D



496B59

Triad

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



59684D



45677E



80595F

Complementary

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



59684D



5C4D68

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.



7A5A6E



59684D



58637F

Square

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



59684D



396A75



6C5E79



7F5B52

Rectangle

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



59684D



3F6B63



6C5E79



7F5964

Sweetspot

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



59684D



81877C



685C4D



41453E



C4C4C4



454545

Same Dimension

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



59684D



70875D



4D684E



30332E



337300



6CF200

Inverse Universe

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



5C4D68



755D87



684D67



312E33



400073



8700F2

Previews

White Background



This preview shows how the Hex color 59684D looks on a white background.

Color Contrast Check

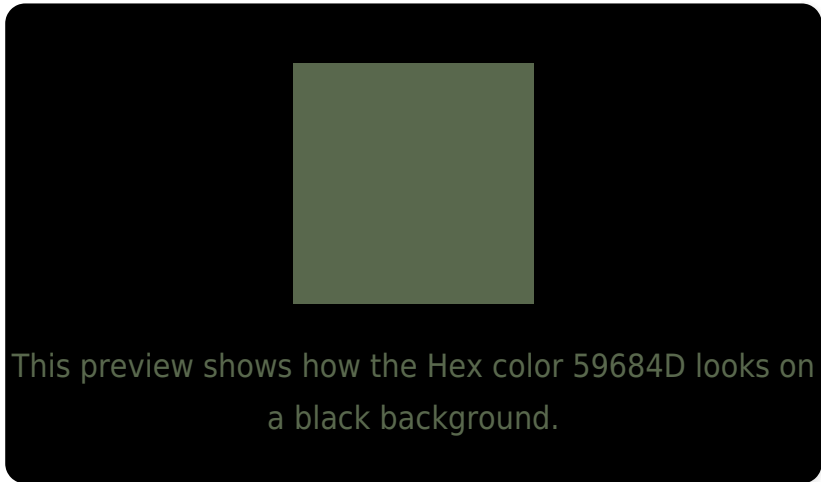
Large Text (above 18pt) WCAG AA ✓ Pass

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

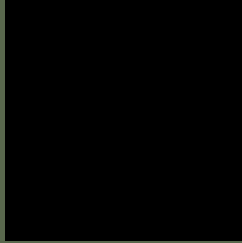
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

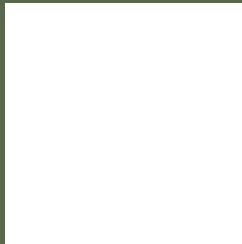
Any Text WCAG AAA × Fail

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

Hex 59684D Background



This preview shows how black text looks on a background with the Hex color 59684D.



This preview shows how white text looks on a background with the Hex color 59684D.

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
59684D

Protanopia
6A634B

Deuteranopia
745F4F



Tritanopia
5E646C

Trichromacy



Original Color
59684D

Protanomaly
64654C

Deuteranomaly
6A624E

Tritanomaly
5C6561

Monochromacy



Original Color
59684D

Achromatopsia
606060

Achromatomaly
5D6359

CSS Examples

Text

The CSS property to change the color of the text to Hex 59684D 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 #59684D looks like.

```
.text, #text, p{  
    color:#59684D  
}
```

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 #59684D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59684D }  
}
```

Border

The CSS property to change the border of an element to Hex 59684D 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".

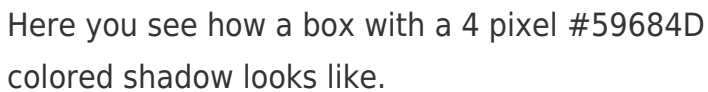
```
.border, #border, table{ border:4px solid #59684D }  
}
```

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

```
.border{ border-color:#59684D }
```

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

Here you see how a box with a 4 pixel #59684D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59684D; -webkit-box-shadow:4px 4px  
4px 4px #59684D; box-shadow:4px 4px 4px  
4px #59684D }
```

Background

The CSS property to change the background color of an element to Hex 59684D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59684D }
```

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

```
.background{ background-color:#59684D }
```

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