

Converting Colors

Hex(49684F)

Have a look what the booklet for
Hex(49684F) contains.

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Color

Hex(49684F)

Conversions

Conversions Part 1

Format	Color
Hex	49684F
RGB	73, 104, 79
RGB Percent	29%, 41%, 31%
CMY	0.7137, 0.5922, 0.6902
CMYK	0.30, 0.00, 0.24, 0.59
HSL	132°, 18%, 35%
HSV	132°, 30%, 41%
XYZ	9.1093, 11.8816, 9.2104
YIQ	91.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

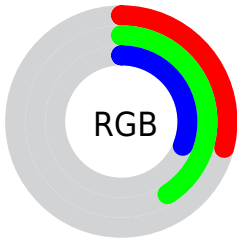
Format	Color
RYB	73, 99, 104
Decimal	4810831
CIELab	41.03, -16.99, 10.53
CIElCh	41, 19.989, 148.219
Yxy	11.8816, 0.3016, 0.3934
Android (android.graphics.Color)	4283000911 (0xFF49684F)
YUV	91.8810, -6.3503, -16.5586
Hunter-Lab	34.4697, -13.1501, 8.2863

Details

The Hex color **49684F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **684962**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7A9B80**, and **1B3922** is the 20% darker color. If you saturate the color by 10%, you get **3F6847**, and if you desaturate by 10%, it is **536857**.

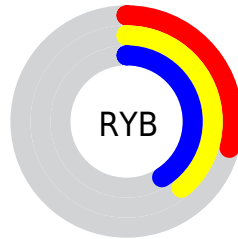
Distribution



Red (29%)

Green (41%)

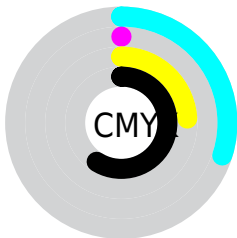
Blue (31%)



Red (29%)

Yellow (39%)

Blue (41%)

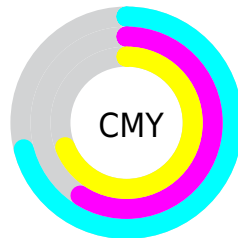


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49684F 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 49684F by changing the saturation by 10% instead.



49684F



49684F

FFFFFF



325038



7A9B80



1B3922



95B69A



06230D



AFD2B5



000700



CBEED1



000000



E7FFED



49684F



49684F



3F6847



536857



34683E



5E6860

■ 2A6836

■ 686868

■ 1F682D

■ 736871

■ 156825

■ 7D6879

■ 0B681D

■ 876881

■ 006814

■ 92688A

■ 9C6892

■ A7689A

Harmonies

Analogous

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



5C6444



49684F



376A5F

Triad

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



49684F



4A6381



815652

Complementary

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



49684F



684962

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.



805562



49684F



625D7E

Square

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



49684F



34677C



755872



7A5A45

Rectangle

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



49684F



2E6A6A



755872



825557

Sweetspot

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



49684F



7B877D



626849



3D453F



C4C4C4



454545

Same Dimension

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



49684F



568760



49685E



2E332F



007316



00F22F

Inverse Universe

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



684962



87567E



684953



332E32



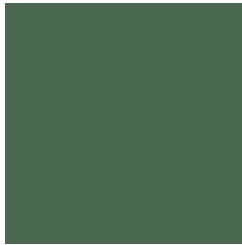
73005D



F200C3

Previews

White Background



This preview shows how the Hex color 49684F looks on a white background.

Color Contrast Check

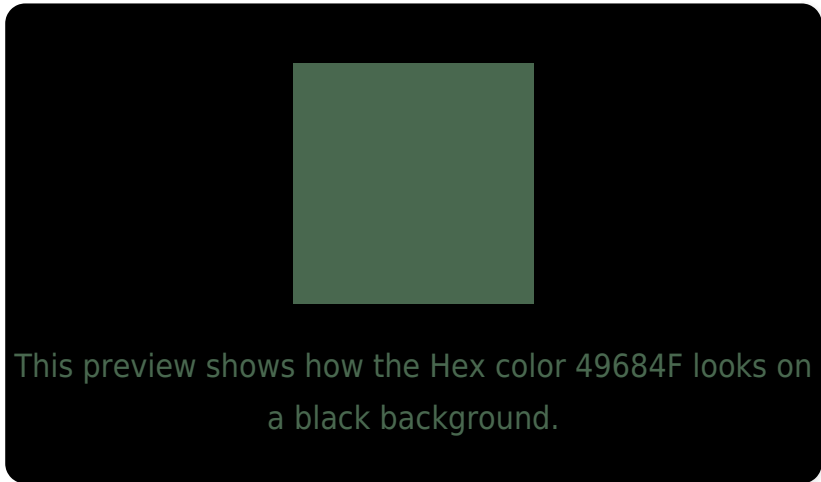
Large Text (above 18pt) WCAG AA ✓ Pass

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

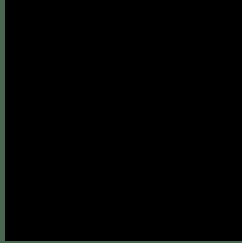
Any Text WCAG AA × Fail

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 49684F Background



This preview shows how black text looks on a background with the Hex color 49684F.



This preview shows how white text looks on a background with the Hex color 49684F.

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
49684F

Protanopia
67604B

Deuteranopia
6F5D51



Tritanopia
4F646C

Trichromacy



Original Color
49684F

Protanomaly
5C634C

Deuteranomaly
616150

Tritanomaly
4D6561

Monochromacy



Original Color
49684F

Achromatopsia
5C5C5C

Achromatomaly
556057

CSS Examples

Text

The CSS property to change the color of the text to Hex 49684F 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 #49684F looks like.

```
.text, #text, p{  
    color:#49684F  
}
```

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 #49684F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49684F
}
```

Border

The CSS property to change the border of an element to Hex 49684F 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
#49684F }
```

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

```
.border{ border-color:#49684F }
```

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

Here you see how a box with a 4 pixel #49684F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49684F; -webkit-box-shadow:4px 4px  
4px 4px #49684F; box-shadow:4px 4px 4px  
4px #49684F }
```

Background

The CSS property to change the background color of an element to Hex 49684F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49684F }
```

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

```
.background{ background-color:#49684F }
```

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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