

Converting Colors

Hex(47684A)

Have a look what the booklet for
Hex(47684A) contains.

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Color

Hex(47684A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 47684A |
| RGB | 71, 104, 74 |
| RGB Percent | 28%, 41%, 29% |
| CMY | 0.7216, 0.5922, 0.7098 |
| CMYK | 0.32, 0.00, 0.29, 0.59 |
| HSL | 125°, 19%, 34% |
| HSV | 125°, 32%, 41% |
| XYZ | 8.7849, 11.7346, 8.2806 |
| YIQ | 90.7130, -10.0380, -16.3260 |

Conversions

Conversions Part 2

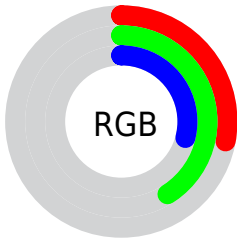
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 71, 101, 104 |
| Decimal | 4679754 |
| CIE _{Lab} | 40.79, -18.72, 13.18 |
| CIE _{LCh} | 41, 22.898, 144.855 |
| Yxy | 11.7346, 0.3050, 0.4075 |
| Android (android.graphics.Color) | 4282869834 (0xFF47684A) |
| YUV | 90.7130, -8.2395, -17.2883 |
| Hunter-Lab | 34.2559, -14.1716, 9.6471 |

Details

The Hex color **47684A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **684765**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **789B7B**, and **19391E** is the 20% darker color. If you saturate the color by 10%, you get **3D6841**, and if you desaturate by 10%, it is **516853**.

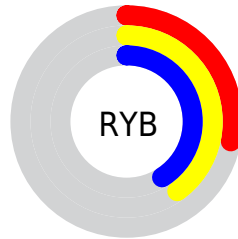
Distribution



Red (28%)

Green (41%)

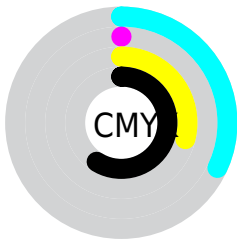
Blue (29%)



Red (28%)

Yellow (40%)

Blue (41%)

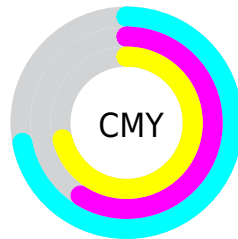


Cyan (32%)

Magenta (0%)

Yellow (29%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47684A 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 47684A by changing the saturation by 10% instead.



47684A



47684A

FFFFFF



305033



789B7B



19391E



93B695



042306



ADD2AF



000500



C9EECB



000000



E5FFE7



47684A



47684A



3D6841



516853



326837



5C685D

■ 28682E

■ 666866

■ 1D6824

■ 716870

■ 13681B

■ 7B6879

■ 096811

■ 856883

■ 006809

■ 90688C

■ 9A6896

■ A5689F

Harmonies

Analogous

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



5D643E



47684A



306A5C

Triad

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



47684A



416385



855351

Complementary

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



47684A



684765

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.



825264



47684A



5E5D82

Square

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



47684A



25687E



755676



7E5842

Rectangle

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



47684A



226A69



755676



855257

Sweetspot

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



47684A



7A877B



656847



3D453D



C4C4C4



454545

Same Dimension

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



47684A



548758



47685A



2E332E



00730A



00F216

Inverse Universe

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



684765



875482



684755



332E33



730068



F200DC

Previews

White Background



This preview shows how the Hex color 47684A looks on a white background.

Color Contrast Check

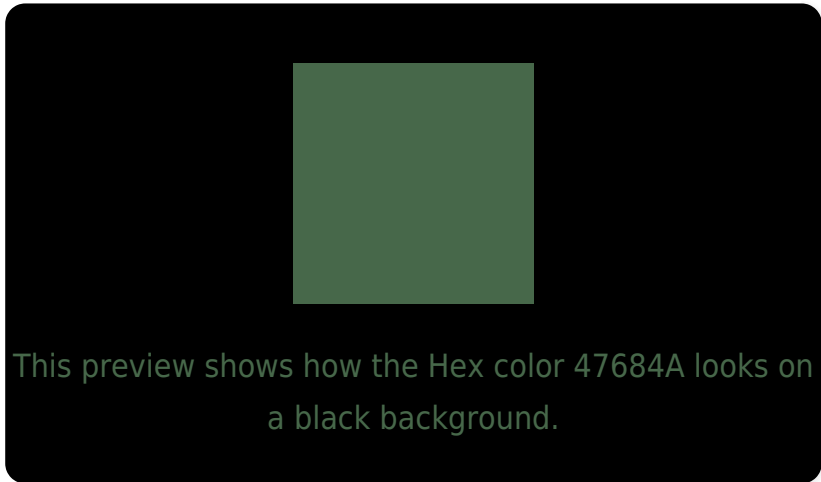
Large Text (above 18pt) WCAG AA ✓ Pass

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

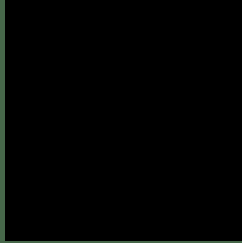
Any Text WCAG AA × Fail

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 47684A Background



This preview shows how black text looks on a background with the Hex color 47684A.



This preview shows how white text looks on a background with the Hex color 47684A.

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
47684A

Protanopia
676046

Deuteranopia
705C4D



Tritanopia
4D646C

Trichromacy



Original Color
47684A

Protanomaly
5B6347

Deuteranomaly
61604C

Tritanomaly
4B6560

Monochromacy



Original Color
47684A

Achromatopsia
5B5B5B

Achromatomaly
546055

CSS Examples

Text

The CSS property to change the color of the text to Hex 47684A 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 #47684A looks like.

```
.text, #text, p{  
    color:#47684A  
}
```

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 #47684A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47684A
}
```

Border

The CSS property to change the border of an element to Hex 47684A 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".

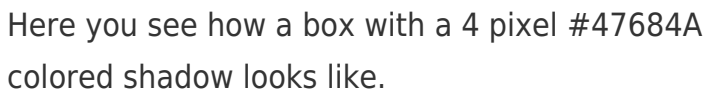
```
.border, #border, table{ border:4px solid
#47684A }
```

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

```
.border{ border-color:#47684A }
```

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

Here you see how a box with a 4 pixel #47684A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47684A; -webkit-box-shadow:4px 4px  
4px 4px #47684A; box-shadow:4px 4px 4px  
4px #47684A }
```

Background

The CSS property to change the background color of an element to Hex 47684A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47684A }
```

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

```
.background{ background-color:#47684A }
```

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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