

Converting Colors

Hex(47744C)

Have a look what the booklet for
Hex(47744C) contains.

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Color

Hex(47744C)

Conversions

Conversions Part 1

Format	Color
Hex	47744C
RGB	71, 116, 76
RGB Percent	28%, 45%, 30%
CMY	0.7216, 0.5451, 0.7020
CMYK	0.39, 0.00, 0.34, 0.55
HSL	127°, 24%, 37%
HSV	127°, 39%, 45%
XYZ	10.1484, 14.3522, 9.0728
YIQ	97.9850, -13.9800, -21.9800

Conversions

Conversions Part 2

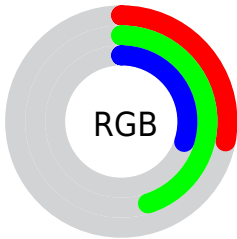
Format	Color
RYB	71, 112, 116
Decimal	4682828
CIELab	44.73, -24.58, 17.36
CIELCh	45, 30.090, 144.770
Yxy	14.3522, 0.3023, 0.4275
Android (android.graphics.Color)	4282872908 (0xFF47744C)
YUV	97.9850, -10.8386, -23.6658
Hunter-Lab	37.8843, -18.4809, 12.3197

Details

The Hex color **47744C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74476F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **79A87D**, and **16431F** is the 20% darker color. If you saturate the color by 10%, you get **3B7442**, and if you desaturate by 10%, it is **537456**.

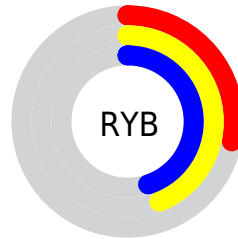
Distribution



Red (28%)

Green (45%)

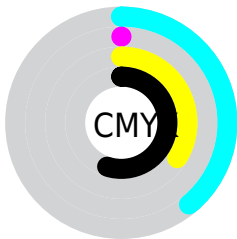
Blue (30%)



Red (28%)

Yellow (44%)

Blue (45%)

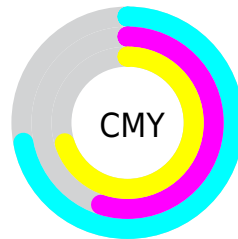


Cyan (39%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47744C 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 47744C by changing the saturation by 10% instead.

■ 47744C

■ 47744C

FFFFFF

■ 2F5B35

■ 79A87D

■ 16431F

■ 94C497

■ 002D09

■ AFE0B2

■ 001900

■ CBFCCCE

■ 000000

■ E7FFEA

■ 47744C

■ 47744C

■ 3B7442

■ 537456

■ 307437

■ 5E7461

■ 24742D

■ 6A746B

■ 197423

■ 757475

■ 0D7418

■ 817480

■ 01740E

■ 8D748A

■ 00740D

■ 987494

■ A4749E

■ AF74A9

Harmonies

Analogous

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



656F3B



47744C



207764

Triad

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



47744C



3A6E9B



9A5756

Complementary

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



47744C



74476F

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.



96566F



47744C



666597

Square

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



47744C



007492



855C87



905E42

Rectangle

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



47744C



007776



855C87



9A565E

Sweetspot

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



47744C



849686



707447



424D43



CCCCCC



4D4D4D

Same Dimension

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



47744C



509658



477462



353B35



007A0E



00FA1C

Inverse Universe

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



74476F



96508F



744759



3B353A



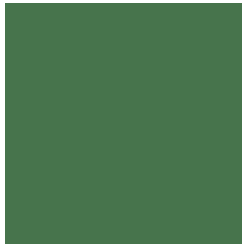
7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 47744C looks on a white background.

Color Contrast Check

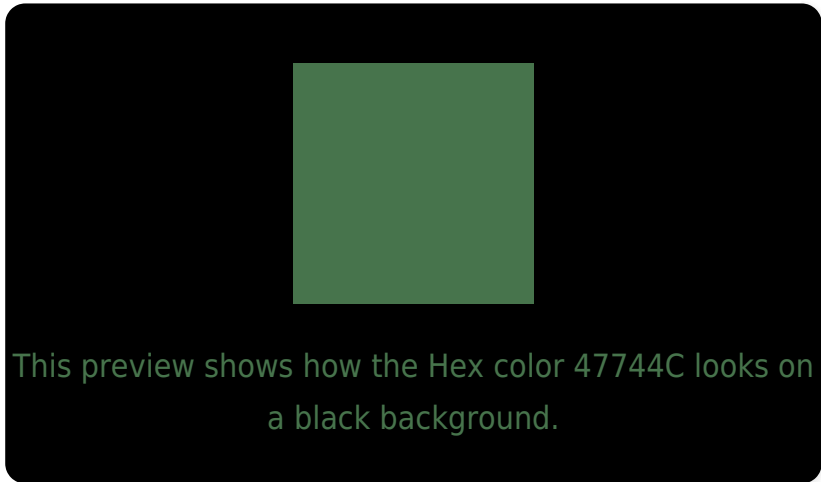
Large Text (above 18pt) WCAG AA ✓ Pass

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

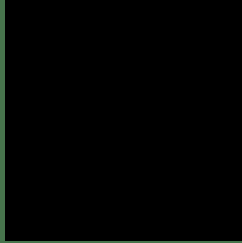
Any Text WCAG AA × Fail

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 47744C Background



This preview shows how black text looks on a background with the Hex color 47744C.



This preview shows how white text looks on a background with the Hex color 47744C.

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
47744C

Protanopia
726948

Deuteranopia
7C654F



Tritanopia
506F78

Trichromacy



Original Color
47744C

Protanomaly
626D49

Deuteranomaly
696A4E

Tritanomaly
4D7168

Monochromacy



Original Color
47744C

Achromatopsia
626262

Achromatomaly
58695A

CSS Examples

Text

The CSS property to change the color of the text to Hex 47744C 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 #47744C looks like.

```
.text, #text, p{  
    color:#47744C  
}
```

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 #47744C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47744C
}
```

Border

The CSS property to change the border of an element to Hex 47744C is called "border". The border property can be set on classes, ids or directly on the HTML element.

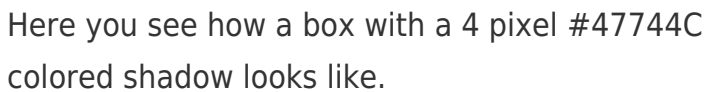
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47744C }
```

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

```
.border{ border-color:#47744C }
```

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



Here you see how a box with a 4 pixel #47744C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47744C; -webkit-box-shadow:4px 4px  
4px 4px #47744C; box-shadow:4px 4px 4px  
4px #47744C }
```

Background

The CSS property to change the background color of an element to Hex 47744C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47744C }
```

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

```
.background{ background-color:#47744C }
```

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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