

Converting Colors

Hex(48744D)

Have a look what the booklet for
Hex(48744D) contains.

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Color

Hex(48744D)

Conversions

Conversions Part 1

Format	Color
Hex	48744D
RGB	72, 116, 77
RGB Percent	28%, 45%, 30%
CMY	0.7176, 0.5451, 0.6980
CMYK	0.38, 0.00, 0.34, 0.55
HSL	127°, 23%, 37%
HSV	127°, 38%, 45%
XYZ	10.2574, 14.4043, 9.2609
YIQ	98.3980, -13.7050, -21.4570

Conversions

Conversions Part 2

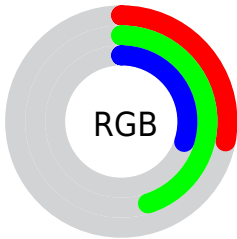
Format	Color
RYB	72, 112, 116
Decimal	4748365
CIELab	44.81, -24.05, 16.89
CIELCh	45, 29.385, 144.927
Yxy	14.4043, 0.3024, 0.4246
Android (android.graphics.Color)	4282938445 (0xFF48744D)
YUV	98.3980, -10.5492, -23.1510
Hunter-Lab	37.9530, -18.1752, 12.0998

Details

The Hex color **48744D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **74486F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7AA87E**, and **184320** is the 20% darker color. If you saturate the color by 10%, you get **3C7443**, and if you desaturate by 10%, it is **547457**.

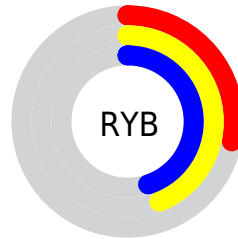
Distribution



Red (28%)

Green (45%)

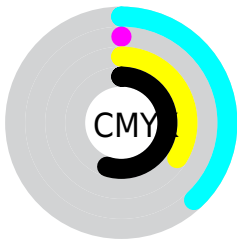
Blue (30%)



Red (28%)

Yellow (44%)

Blue (45%)

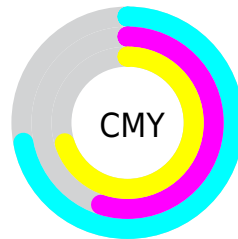


Cyan (38%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48744D 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 48744D by changing the saturation by 10% instead.



48744D



48744D

FFFFFF



305B36



7AA87E



184320



95C498



002D0A



B0E0B3



001900



CCFCCF



000000



E8FFE8



48744D



48744D



3C7443



547457



317438



5F7462

■ 25742E

■ 6B746C

■ 1A7424

■ 767476

■ 0E741A

■ 827480

■ 02740F

■ 8E748B

■ 00740D

■ 997495

■ A5749F

■ B074AA

Harmonies

Analogous

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



656F3D



48744D



237765

Triad

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



48744D



3C6E9A



995857

Complementary

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



48744D



74486F

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.



96576F



48744D



666596

Square

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



48744D



007491



855C86



905F43

Rectangle

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



48744D



007776



855C86



99575F

Sweetspot

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



48744D



869688



707448



434D44



CCCCCC



4D4D4D

Same Dimension

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



48744D



519659



487462



353B35



007A0E



00FA1C

Inverse Universe

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



74486F



96518F



74485A



3B353A



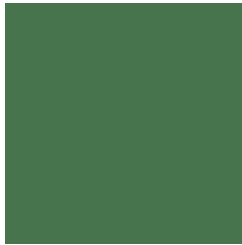
7A006C



FA00DE

Previews

White Background



This preview shows how the Hex color 48744D looks on a white background.

Color Contrast Check

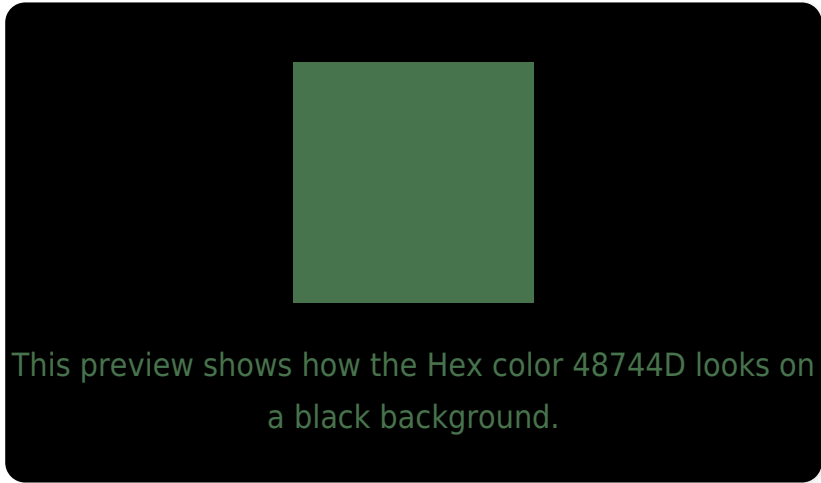
Large Text (above 18pt) WCAG AA ✓ Pass

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

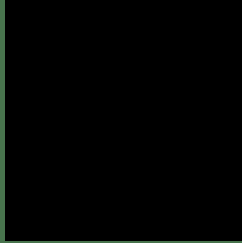
Any Text WCAG AA × Fail

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 48744D Background



This preview shows how black text looks on a background with the Hex color 48744D.



This preview shows how white text looks on a background with the Hex color 48744D.

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
48744D

Protanopia
726A49

Deuteranopia
7C6550



Tritanopia
516F78

Trichromacy



Original Color
48744D

Protanomaly
636E4A

Deuteranomaly
696A4F

Tritanomaly
4E7168

Monochromacy



Original Color
48744D

Achromatopsia
626262

Achromatomaly
59695A

CSS Examples

Text

The CSS property to change the color of the text to Hex 48744D 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 #48744D looks like.

```
.text, #text, p{  
    color:#48744D  
}
```

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 #48744D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48744D
}
```

Border

The CSS property to change the border of an element to Hex 48744D 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
#48744D }
```

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

```
.border{ border-color:#48744D }
```

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

Here you see how a box with a 4 pixel #48744D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48744D; -webkit-box-shadow:4px 4px  
4px 4px #48744D; box-shadow:4px 4px 4px  
4px #48744D }
```

Background

The CSS property to change the background color of an element to Hex 48744D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48744D }
```

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

```
.background{ background-color:#48744D }
```

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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