

Converting Colors

Hex(48734E)

Have a look what the booklet for
Hex(48734E) contains.

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Color

Hex(48734E)

Conversions

Conversions Part 1

Format	Color
Hex	48734E
RGB	72, 115, 78
RGB Percent	28%, 45%, 31%
CMY	0.7176, 0.5490, 0.6941
CMYK	0.37, 0.00, 0.32, 0.55
HSL	128°, 23%, 37%
HSV	128°, 37%, 45%
XYZ	10.1784, 14.1892, 9.4101
YIQ	97.9250, -13.7510, -20.6230

Conversions

Conversions Part 2

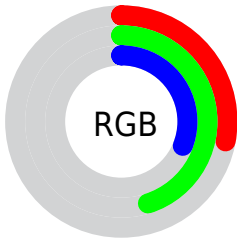
Format	Color
RYB	72, 110, 115
Decimal	4748110
CIELab	44.50, -23.35, 15.89
CIELCh	45, 28.246, 145.764
Yxy	14.1892, 0.3013, 0.4201
Android (android.graphics.Color)	4282938190 (0xFF48734E)
YUV	97.9250, -9.8230, -22.7362
Hunter-Lab	37.6686, -17.6879, 11.5567

Details

The Hex color **48734E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73486D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7AA77F**, and **184221** is the 20% darker color. If you saturate the color by 10%, you get **3D7344**, and if you desaturate by 10%, it is **547358**.

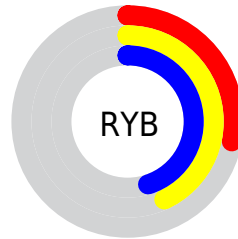
Distribution



 Red (28%)

 Green (45%)

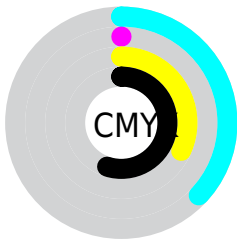
 Blue (31%)



 Red (28%)

 Yellow (43%)

 Blue (45%)

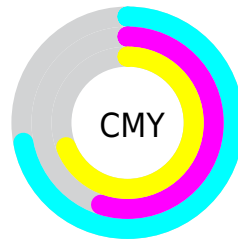


 Cyan (37%)


 Magenta (0%)

 Yellow (32%)

 Black (55%)



 Cyan (72%)

 Magenta (55%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48734E 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 48734E by changing the saturation by 10% instead.

 48734E

 48734E

FFFFFF

 305A37

 7AA77F

 184221

 95C399

 002C0C

 B0DFB4

 001800

 CBFBD0

 000000


 E8FFEC

 48734E

 48734E

 3D7344

 547358

 31733A

 5F7362

 257330

 6B736C

 1A7326

 767376

 0E731D

 82737F

 037313

 8D7389

 007310

 997393

 A4739D

 B073A7

Harmonies

Analogous

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



646E3E



48734E



267565

Triad

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



48734E



406D98



965856

Complementary

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



48734E



73486D

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.



94576E



48734E



676493

Square

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



48734E



09728F



845C84



8D5E43

Rectangle

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



48734E



027675



845C84



97575E

Sweetspot

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



48734E



869688



6D7348



434D44



CCCCCC



4D4D4D

Same Dimension

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



48734E



53965C



487363



353B36



007A11



00FA23

Inverse Universe

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



73486D



96538D



734858



3B353A



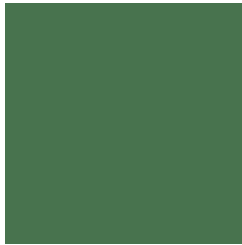
7A0069



FA00D7

Previews

White Background



This preview shows how the Hex color 48734E looks on a white background.

Color Contrast Check

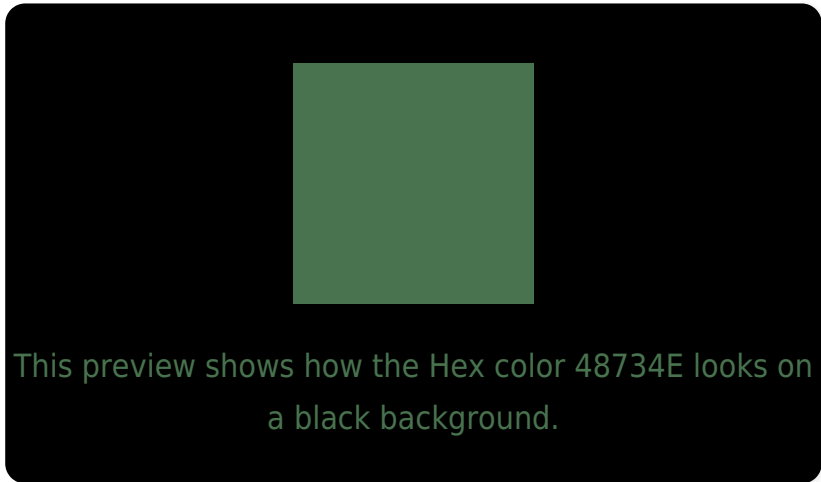
Large Text (above 18pt) WCAG AA ✓ Pass

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

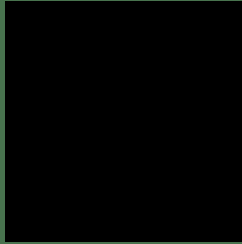
Any Text WCAG AA × Fail

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 48734E Background



This preview shows how black text looks on a background with the Hex color 48734E.



This preview shows how white text looks on a background with the Hex color 48734E.

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
48734E

Protanopia
71694A

Deuteranopia
7B6551



Tritanopia
506E77

Trichromacy



Original Color
48734E

Protanomaly
626D4B

Deuteranomaly
686A50

Tritanomaly
4D7068

Monochromacy



Original Color
48734E

Achromatopsia
626262

Achromatomaly
59685B

CSS Examples

Text

The CSS property to change the color of the text to Hex 48734E 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 #48734E looks like.

```
.text, #text, p{  
    color:#48734E  
}
```

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 #48734E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48734E
}
```

Border

The CSS property to change the border of an element to Hex 48734E 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".

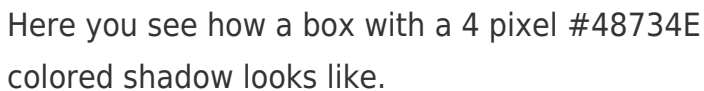
```
.border, #border, table{ border:4px solid
#48734E }
```

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

```
.border{ border-color:#48734E }
```

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

Here you see how a box with a 4 pixel #48734E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48734E; -webkit-box-shadow:4px 4px  
4px 4px #48734E; box-shadow:4px 4px 4px  
4px #48734E }
```

Background

The CSS property to change the background color of an element to Hex 48734E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48734E }
```

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

```
.background{ background-color:#48734E }
```

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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