

Converting Colors

Hex(47741E)

Have a look what the booklet for
Hex(47741E) contains.

| | |
|--|----|
| Hex(47741E) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(47741E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 47741E |
| RGB | 71, 116, 30 |
| RGB Percent | 28%, 45%, 12% |
| CMY | 0.7216, 0.5451, 0.8824 |
| CMYK | 0.39, 0.00, 0.74, 0.55 |
| HSL | 91°, 59%, 29% |
| HSV | 91°, 74%, 45% |
| XYZ | 9.0783, 13.9241, 3.4374 |
| YIQ | 92.7410, 0.7860, -36.2860 |

Conversions

Conversions Part 2

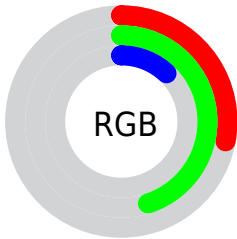
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 30, 116, 75 |
| Decimal | 4682782 |
| CIE _{Lab} | 44.12, -30.60, 40.45 |
| CIE _{LCh} | 44, 50.721, 127.105 |
| Yxy | 13.9241, 0.3434, 0.5266 |
| Android (android.graphics.Color) | 4282872862 (0xFF47741E) |
| YUV | 92.7410, -30.9313, -19.0669 |
| Hunter-Lab | 37.3150, -21.8745, 20.6588 |

Details

The Hex color **47741E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B1E74**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7BA850**, and **144300** is the 20% darker color. If you saturate the color by 10%, you get **417412**, and if you desaturate by 10%, it is **4D742A**.

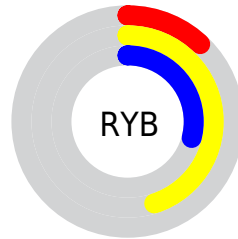
Distribution



 Red (28%)

 Green (45%)

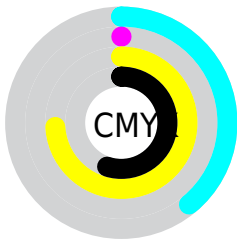
 Blue (12%)



 Red (12%)

 Yellow (45%)

 Blue (29%)

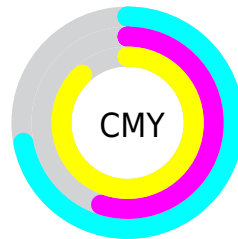


 Cyan (39%)


 Magenta (0%)

 Yellow (74%)

 Black (55%)



 Cyan (72%)

 Magenta (55%)

 Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47741E 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 47741E by changing the saturation by 10% instead.



47741E



47741E

FFFFFF



2D5B01



7BA850



144300



96C469



002C00



B2E083



001700



CEFD9E



000000



EBFFBA



FFFFD6



FFFFF2



47741E



47741E

■ 417412

■ 4D742A

■ 3B7407

■ 537435

■ 377400

■ 597441

■ 5F744C

■ 657458

■ 6B7464

■ 71746F

■ 78747B

■ 7E7486

Harmonies

Analogous

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



746A01



47741E



007A46

Triad

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



47741E



0075B6



B43E60

Complementary

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



47741E



4B1E74

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.



A2468A



47741E



006ABC

Square

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



47741E



007B9A



7659AC



AE4838

Rectangle

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



47741E



007C63



7659AC



B13E6E

Sweetspot

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



47741E



859675



744A1E



424D39



CCCCCC



4D4D4D

Same Dimension

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



47741E



509611



1E741F



383B35



3A7A00



77FA00

Inverse Universe

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



4B1E74



571196



741E73



38353B



40007A



8300FA

Previews

White Background



This preview shows how the Hex color 47741E looks on a white background.

Color Contrast Check

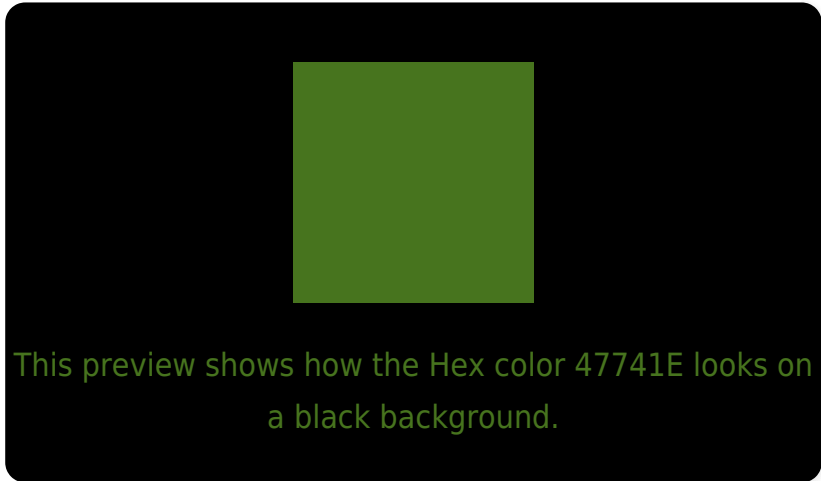
Large Text (above 18pt) WCAG AA ✓ Pass

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 47741E Background



This preview shows how black text looks on a background with the Hex color 47741E.



This preview shows how white text looks on a background with the Hex color 47741E.

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
47741E

Protanopia
75681B

Deuteranopia
826325



Tritanopia
536C75

Trichromacy



Original Color
47741E

Protanomaly
646C1C

Deuteranomaly
6D6922

Tritanomaly
4F6F55

Monochromacy



Original Color
47741E

Achromatopsia
5D5D5D

Achromatomaly
556546

CSS Examples

Text

The CSS property to change the color of the text to Hex 47741E 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 #47741E looks like.

```
.text, #text, p{  
    color:#47741E  
}
```

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 #47741E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47741E
}
```

Border

The CSS property to change the border of an element to Hex 47741E 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
#47741E }
```

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

```
.border{ border-color:#47741E }
```

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

Here you see how a box with a 4 pixel #47741E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47741E; -webkit-box-shadow:4px 4px  
4px 4px #47741E; box-shadow:4px 4px 4px  
4px #47741E }
```

Background

The CSS property to change the background color of an element to Hex 47741E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47741E }
```

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

```
.background{ background-color:#47741E }
```

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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