

Converting Colors

Hex(497844)

Have a look what the booklet for
Hex(497844) contains.

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Color

Hex(497844)

Conversions

Conversions Part 1

Format	Color
Hex	497844
RGB	73, 120, 68
RGB Percent	29%, 47%, 27%
CMY	0.7137, 0.5294, 0.7333
CMYK	0.39, 0.00, 0.43, 0.53
HSL	114°, 28%, 37%
HSV	114°, 43%, 47%
XYZ	10.5075, 15.2668, 7.8618
YIQ	100.0190, -11.3200, -26.1360

Conversions

Conversions Part 2

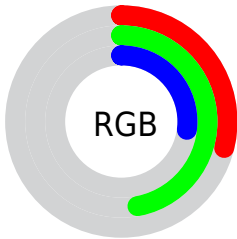
Format	Color
RYB	68, 120, 115
Decimal	4814916
CIELab	46.00, -27.26, 23.61
CIELCh	46, 36.063, 139.104
Yxy	15.2668, 0.3124, 0.4539
Android (android.graphics.Color)	4283004996 (0xFF497844)
YUV	100.0190, -15.7854, -23.6957
Hunter-Lab	39.0727, -20.3747, 15.4212

Details

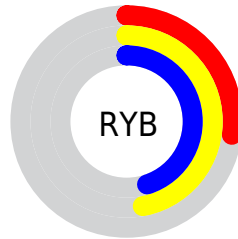
The Hex color **497844** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **734478**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7CAD75**, and **174717** is the 20% darker color. If you saturate the color by 10%, you get **3E7838**, and if you desaturate by 10%, it is **547850**.

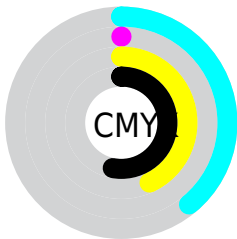
Distribution



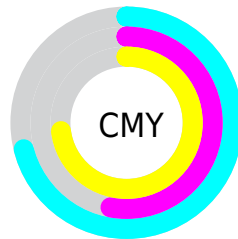
- Red (29%)
- Green (47%)
- Blue (27%)



- Red (27%)
- Yellow (47%)
- Blue (45%)



- Cyan (39%)
- Magenta (0%)
- Yellow (43%)
- Black (53%)



- Cyan (71%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497844 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 497844 by changing the saturation by 10% instead.



497844



497844

FFFFFF



305F2D



7CAD75



174717



96C88F



003000



B2E4A9



001D00



CEFFC5



000000



EAF FE1

FFFFFFE



497844



497844



3E7838



547850

■ 33782C

■ 5F785C

■ 287820

■ 6A7868

■ 1E7814

■ 747874

■ 137808

■ 7F7880

■ 0C7800

■ 8A788C

■ 957898

■ A078A4

■ AB78B0

Harmonies

Analogous

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



6C7132



497844



0E7C61

Triad

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



497844



0F73A8



A6545B

Complementary

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



497844



734478

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.



9F5579



497844



5D69A6

Square

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



497844



007A9A



875E95



9D5C40

Rectangle

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



497844



007C75



875E95



A65465

Sweetspot

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



497844



899C87



787344



444F42



CFCFCF



4F4F4F

Same Dimension

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



497844



529C4B



447859



383D37



0C7D00



18FC00

Inverse Universe

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



734478



944B9C



784463



3D373D



71007D



E400FC

Previews

White Background



This preview shows how the Hex color 497844 looks on a white background.

Color Contrast Check

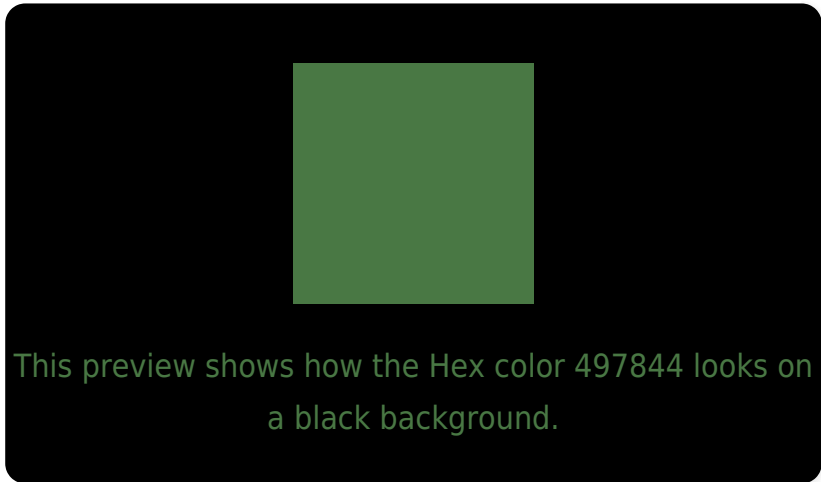
Large Text (above 18pt) WCAG AA ✓ Pass

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

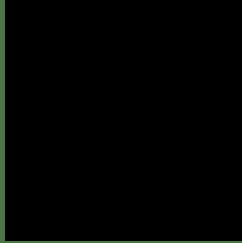
Any Text WCAG AA × Fail

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 497844 Background



This preview shows how black text looks on a background with the Hex color 497844.



This preview shows how white text looks on a background with the Hex color 497844.

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





Tritanopia
53727B

Trichromacy



Original Color
497844

Protanomaly
667141

Deuteranomaly
6D6E47

Tritanomaly
4F7467

Monochromacy



Original Color
497844

Achromatopsia
646464

Achromatomaly
5A6B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 497844 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 #497844 looks like.

```
.text, #text, p{  
    color:#497844  
}
```

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 #497844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497844
}
```

Border

The CSS property to change the border of an element to Hex 497844 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".

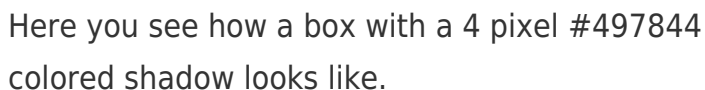
```
.border, #border, table{ border:4px solid
#497844 }
```

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

```
.border{ border-color:#497844 }
```

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

Here you see how a box with a 4 pixel #497844 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497844; -webkit-box-shadow:4px 4px  
4px 4px #497844; box-shadow:4px 4px 4px  
4px #497844 }
```

Background

The CSS property to change the background color of an element to Hex 497844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497844 }
```

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

```
.background{ background-color:#497844 }
```

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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