

# Converting Colors

Hex(497E32)

Have a look what the booklet for  
Hex(497E32) contains.

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**Color**

**Hex(497E32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	497E32
RGB	73, 126, 50
RGB Percent	29%, 49%, 20%
CMY	0.7137, 0.5059, 0.8039
CMYK	0.42, 0.00, 0.60, 0.51
HSL	102°, 43%, 35%
HSV	102°, 60%, 49%
XYZ	10.7842, 16.5685, 5.6473
YIQ	101.4890, -7.1920, -34.8720

# Conversions

## Conversions Part 2

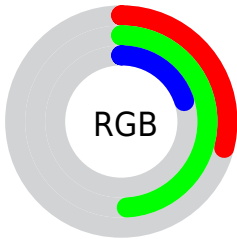
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 126, 103
Decimal	4816434
CIELab	47.71, -32.56, 35.26
CIELCh	48, 47.996, 132.719
Yxy	16.5685, 0.3268, 0.5021
Android (android.graphics.Color)	4283006514 (0xFF497E32)
YUV	101.4890, -25.3841, -24.9849
Hunter-Lab	40.7044, -23.9408, 20.2673

# Details

The Hex color **497E32** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **67327E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7DB363**, and **134C00** is the 20% darker color. If you saturate the color by 10%, you get **407E25**, and if you desaturate by 10%, it is **527E3F**.

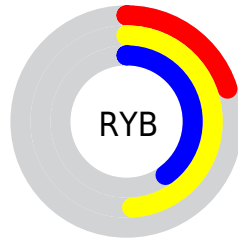
# Distribution



Red (29%)

Green (49%)

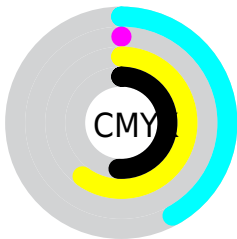
Blue (20%)



Red (20%)

Yellow (49%)

Blue (40%)

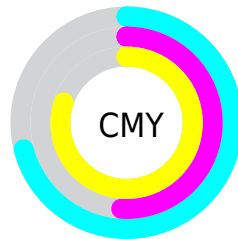


Cyan (42%)

Magenta (0%)

Yellow (60%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497E32 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 497E32 by changing the saturation by 10% instead.





497E32



497E32

FFFFFF



2F651A



7DB363



134C00



98CF7D



003500



B4EB97



002200



D0FFB2



000000



EDFFCE



FFFFEB



497E32



497E32



407E25



527E3F

■ 377E19

■ 5B7E4B

■ 2F7E0C

■ 637E58

■ 267E00

■ 6C7E64

■ 757E71

■ 7E7E7E

■ 877E8A

■ 8F7E97

■ 987EA3

# Harmonies

## Analogous

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



767519



497E32



008358

# Triad

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



497E32



007CBE



BB4C62

# Complementary

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



497E32



67327E

# 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.



AF4F8A



497E32



4370C0

# Square

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



497E32



0083A7



8A5FAD



B2563C

# Rectangle

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



497E32



008574



8A5FAD



B94B6F



# Sweetspot

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



497E32



8FA386



7E6632



455240



D1D1D1



525252



# Same Dimension

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



497E32



51A32E



327E40



3B4039



278000



000000



# Inverse Universe

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



67327E



802EA3



7E3270



3E3940



590080



000000



# Previews

## White Background



This preview shows how the Hex color 497E32 looks on a white background.

## Color Contrast Check

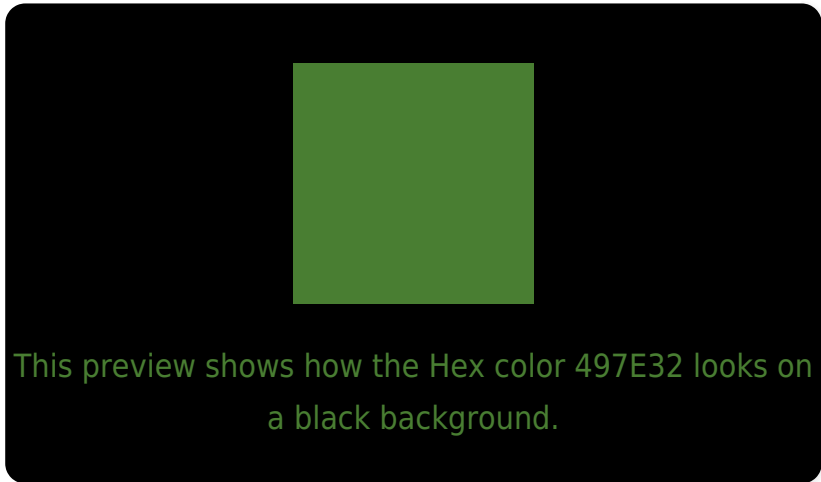
Large Text (above 18pt) WCAG AA ✓ Pass

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

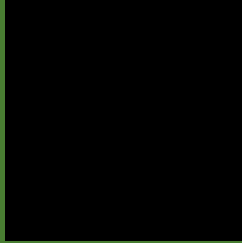
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 497E32 Background



This preview shows how black text looks on a background with the Hex color 497E32.



This preview shows how white text looks on a background with the Hex color 497E32.

# 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**  
497E32

**Protanopia**  
7E712E

**Deuteranopia**  
8B6B37



**Tritanopia**  
567680

# Trichromacy



**Original Color**  
497E32

**Protanomaly**  
6B762F

**Deuteranomaly**  
737235

**Tritanomaly**  
517964

# Monochromacy



**Original Color**  
497E32

**Achromatopsia**  
656565

**Achromatomaly**  
5B6E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497E32 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 #497E32 looks like.

```
.text, #text, p{  
    color:#497E32  
}
```

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 #497E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497E32
}
```

## Border

The CSS property to change the border of an element to Hex 497E32 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
#497E32 }
```

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

```
.border{ border-color:#497E32 }
```

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

Here you see how a box with a 4 pixel #497E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497E32; -webkit-box-shadow:4px 4px  
4px 4px #497E32; box-shadow:4px 4px 4px  
4px #497E32 }
```

# Background

The CSS property to change the background color of an element to Hex 497E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497E32 }
```

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

```
.background{ background-color:#497E32 }
```

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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