

# Converting Colors

Hex(496732)

Have a look what the booklet for  
Hex(496732) contains.

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# Color

Hex(496732)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496732
RGB	73, 103, 50
RGB Percent	29%, 40%, 20%
CMY	0.7137, 0.5961, 0.8039
CMYK	0.29, 0.00, 0.51, 0.60
HSL	94°, 35%, 30%
HSV	94°, 51%, 40%
XYZ	8.1736, 11.3473, 4.7771
YIQ	87.9880, -0.8670, -22.8430

# Conversions

## Conversions Part 2

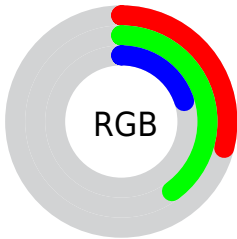
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 103, 80
Decimal	4810546
CIELab	40.16, -21.37, 26.29
CIElCh	40, 33.877, 129.108
Yxy	11.3473, 0.3364, 0.4670
Android (android.graphics.Color)	4283000626 (0xFF496732)
YUV	87.9880, -18.7281, -13.1445
Hunter-Lab	33.6857, -15.6380, 15.1719

# Details

The Hex color **496732** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **503267**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7B9A62**, and **1A3804** is the 20% darker color. If you saturate the color by 10%, you get **436728**, and if you desaturate by 10%, it is **4F673C**.

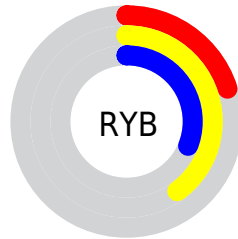
# Distribution



Red (29%)

Green (40%)

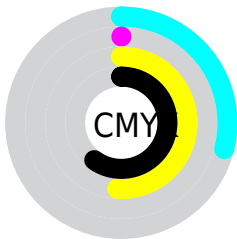
Blue (20%)



Red (20%)

Yellow (40%)

Blue (31%)

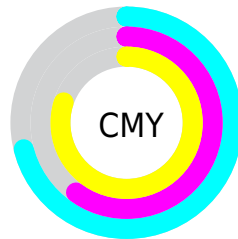


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496732 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 496732 by changing the saturation by 10% instead.



 496732

 496732

FFFFFF

 314F1C

 7B9A62

 1A3804

 95B57B

 002200

 B1D195

 000100

 CCEDB0

 000000

 E9FFCB

 FFFFE8

 496732

 496732

 436728

 4F673C

 3D671D

 556747

 386713

 5A6751

 326709

 60675B

 2D6700

 666766

 6C6770

 72677A

 786784

 7D678F

# Harmonies

## Analogous

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



676026



496732



1F6B4A

# Triad

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



496732



006792



924757

# Complementary

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



496732



503267

# 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.



874A73



496732



3E5F95

# Square

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



496732



006B81



6C548A



8F4C3D

# Rectangle

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



496732



006C5D



6C548A



904761



# Sweetspot

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



496732



7C8773



674F32



3E4538



C4C4C4



454545



# Same Dimension

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



496732



588733



326735



30332E



327300



69F200



# Inverse Universe

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



503267



633387



673264



312E33



410073

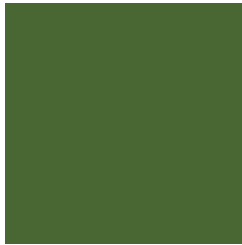


8900F2



# Previews

## White Background



This preview shows how the Hex color 496732 looks on a white background.

## Color Contrast Check

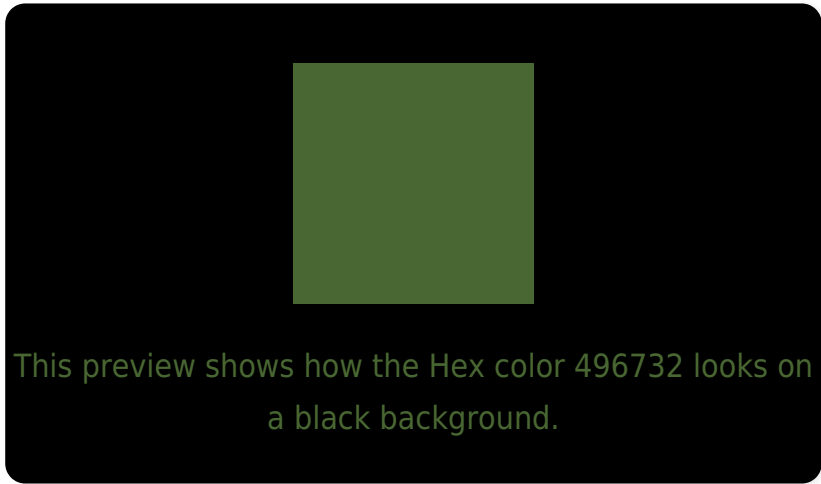
Large Text (above 18pt) WCAG AA ✓ Pass

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

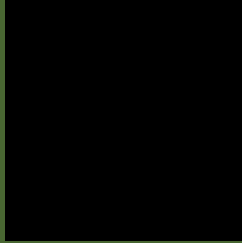
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496732 Background



This preview shows how black text looks on a background with the Hex color 496732.



This preview shows how white text looks on a background with the Hex color 496732.

# 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**  
496732

**Protanopia**  
685E2F

**Deuteranopia**  
735A35



**Tritanopia**  
516169

# Trichromacy



**Original Color**  
496732

**Protanomaly**  
5D6130

**Deuteranomaly**  
645F34

**Tritanomaly**  
4E6355

# Monochromacy



**Original Color**  
496732

**Achromatopsia**  
585858

**Achromatomaly**  
535D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496732 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 #496732 looks like.

```
.text, #text, p{  
    color:#496732  
}
```

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 #496732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496732
}
```

## Border

The CSS property to change the border of an element to Hex 496732 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".

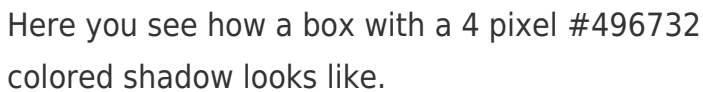
```
.border, #border, table{ border:4px solid
#496732 }
```

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

```
.border{ border-color:#496732 }
```

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

Here you see how a box with a 4 pixel #496732 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496732; -webkit-box-shadow:4px 4px  
4px 4px #496732; box-shadow:4px 4px 4px  
4px #496732 }
```

# Background

The CSS property to change the background color of an element to Hex 496732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496732 }
```

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

```
.background{ background-color:#496732 }
```

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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