

# Converting Colors

Hex(496E37)

Have a look what the booklet for  
Hex(496E37) contains.

<b>Hex(496E37)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(496E37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496E37
RGB	73, 110, 55
RGB Percent	29%, 43%, 22%
CMY	0.7137, 0.5686, 0.7843
CMYK	0.34, 0.00, 0.50, 0.57
HSL	100°, 33%, 32%
HSV	100°, 50%, 43%
XYZ	9.0132, 12.8442, 5.6186
YIQ	92.6670, -4.3970, -24.9490

# Conversions

## Conversions Part 2

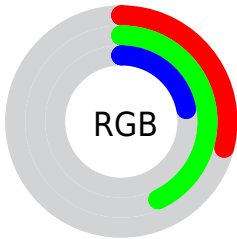
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 110, 92
Decimal	4812343
CIELab	42.53, -24.27, 26.45
CIELCh	43, 35.895, 132.534
Yxy	12.8442, 0.3280, 0.4675
Android (android.graphics.Color)	4283002423 (0xFF496E37)
YUV	92.6670, -18.5698, -17.2480
Hunter-Lab	35.8388, -17.8264, 15.7920

# Details

The Hex color **496E37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C376E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7BA267**, and **193E0A** is the 20% darker color. If you saturate the color by 10%, you get **426E2C**, and if you desaturate by 10%, it is **506E42**.

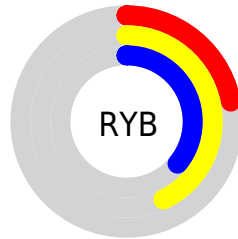
# Distribution



Red (29%)

Green (43%)

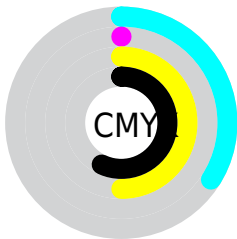
Blue (22%)



Red (22%)

Yellow (43%)

Blue (36%)

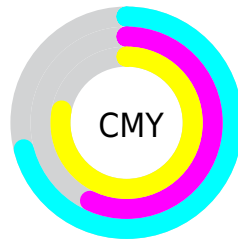


Cyan (34%)

Magenta (0%)

Yellow (50%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496E37 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 496E37 by changing the saturation by 10% instead.





496E37



496E37

FFFFFF



315520



7BA267



193E0A



96BD80



022800



B1D99B



001000



CDF5B6



000000



E9FFD2



FFFEE



496E37



496E37



426E2C



506E42

 3A6E21

 586E4D

 336E16

 5F6E58

 2B6E0B

 676E63

 246E00

 6E6E6E

 756E79

 7D6E84

 846E8F

 8C6E9A

# Harmonies

## Analogous

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



6A6728



496E37



167252

# Triad

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



496E37



006C9D



9C4B59

# Complementary

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



496E37



5C376E

# 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.



924E77



496E37



48639E

# Square

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



496E37



00728C



775890



96523E

# Rectangle

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



496E37



007366



775890



9B4B63



# Sweetspot

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



496E37



808F79



6E5C37



3F473B



C7C7C7



474747



# Same Dimension

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



496E37



558F39



376E40



343832



277800



51F700



# Inverse Universe

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



5C376E



73398F



6E3765



363238



510078



A600F7



# Previews

## White Background



This preview shows how the Hex color 496E37 looks on a white background.

## Color Contrast Check

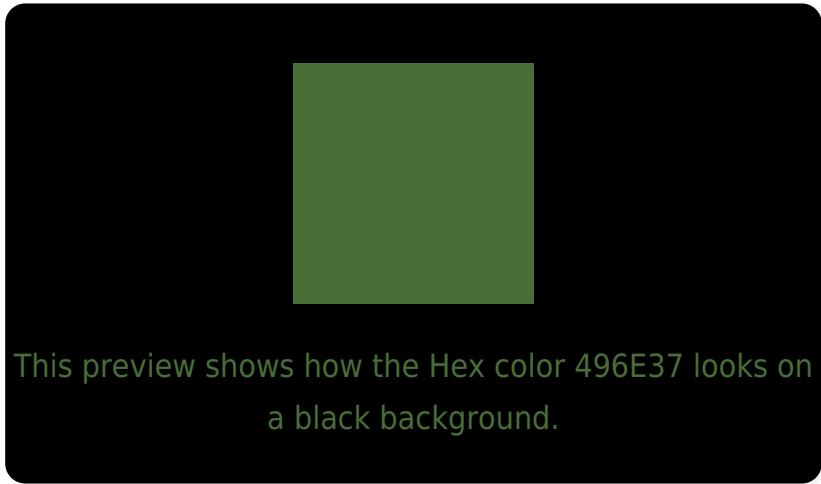
Large Text (above 18pt) WCAG AA ✓ Pass

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

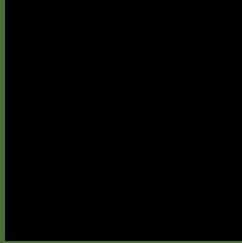
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496E37 Background



This preview shows how black text looks on a background with the Hex color 496E37.



This preview shows how white text looks on a background with the Hex color 496E37.

# 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**  
496E37

**Protanopia**  
6E6434

**Deuteranopia**  
7A5F3B



**Tritanopia**  
526870

# Trichromacy



**Original Color**  
496E37

**Protanomaly**  
616835

**Deuteranomaly**  
68643A

**Tritanomaly**  
4F6A5B

# Monochromacy



**Original Color**  
496E37

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
56634F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496E37 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 #496E37 looks like.

```
.text, #text, p{  
    color:#496E37  
}
```

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 #496E37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496E37
}
```

## Border

The CSS property to change the border of an element to Hex 496E37 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
#496E37 }
```

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

```
.border{ border-color:#496E37 }
```

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

Here you see how a box with a 4 pixel #496E37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496E37; -webkit-box-shadow:4px 4px  
4px 4px #496E37; box-shadow:4px 4px 4px  
4px #496E37 }
```

# Background

The CSS property to change the background color of an element to Hex 496E37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496E37 }
```

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

```
.background{ background-color:#496E37 }
```

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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