

Converting Colors

Hex(496C35)

Have a look what the booklet for
Hex(496C35) contains.

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Color

Hex(496C35)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 496C35 |
| RGB | 73, 108, 53 |
| RGB Percent | 29%, 42%, 21% |
| CMY | 0.7137, 0.5765, 0.7922 |
| CMYK | 0.32, 0.00, 0.51, 0.58 |
| HSL | 98°, 34%, 32% |
| HSV | 98°, 51%, 42% |
| XYZ | 8.7528, 12.3986, 5.3000 |
| YIQ | 91.2650, -3.2050, -24.5250 |

Conversions

Conversions Part 2

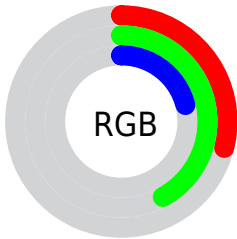
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 53, 108, 88 |
| Decimal | 4811829 |
| CIELab | 41.84, -23.53, 26.70 |
| CIELCh | 42, 35.593, 131.386 |
| Yxy | 12.3986, 0.3309, 0.4687 |
| Android (android.graphics.Color) | 4283001909 (0xFF496C35) |
| YUV | 91.2650, -18.8646, -16.0184 |
| Hunter-Lab | 35.2117, -17.2495, 15.7239 |

Details

The Hex color **496C35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58356C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7BA065**, and **193C07** is the 20% darker color. If you saturate the color by 10%, you get **426C2A**, and if you desaturate by 10%, it is **506C40**.

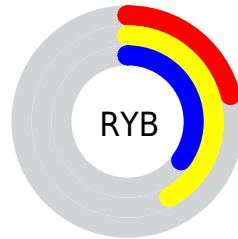
Distribution



Red (29%)

Green (42%)

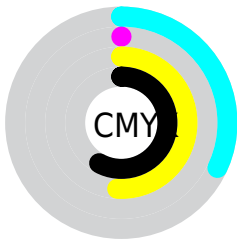
Blue (21%)



Red (21%)

Yellow (42%)

Blue (35%)

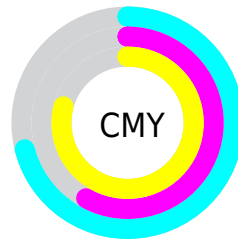


Cyan (32%)

Magenta (0%)

Yellow (51%)

Black (58%)



Cyan (71%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Hex color 496C35 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 496C35 by changing the saturation by 10% instead.

 496C35

 496C35

FFFFFF

 31541E

 7BA065

 193C07

 96BB7E

 022600

 B1D798

 000C00

 CDF3B3

 000000

 E9FFCF

 FFFFEC

 496C35

 496C35

 426C2A

 506C40

■ 3B6C1F

■ 576C4B

■ 346C15

■ 5E6C55

■ 2E6C0A

■ 646C60

■ 276C00

■ 6B6C6B

■ 726C76

■ 796C81

■ 806C8B

■ 876C96

Harmonies

Analogous

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



696527



496C35



19704F

Triad

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



496C35



006B9A



9A4A59

Complementary

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



496C35



58356C

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.



8F4D76



496C35



45629C

Square

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



496C35



007089



73578F



94503D

Rectangle

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



496C35



007163



73578F



984A63

Sweetspot

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



496C35



7F8C77



6C5835



3F473B



C7C7C7



474747

Same Dimension

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



496C35



568C37



356C3C



323630



2B7500



59F500

Inverse Universe

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



58356C



6D378C



6C3565



343036



4B0075



9C00F5

Previews

White Background



This preview shows how the Hex color 496C35 looks on a white background.

Color Contrast Check

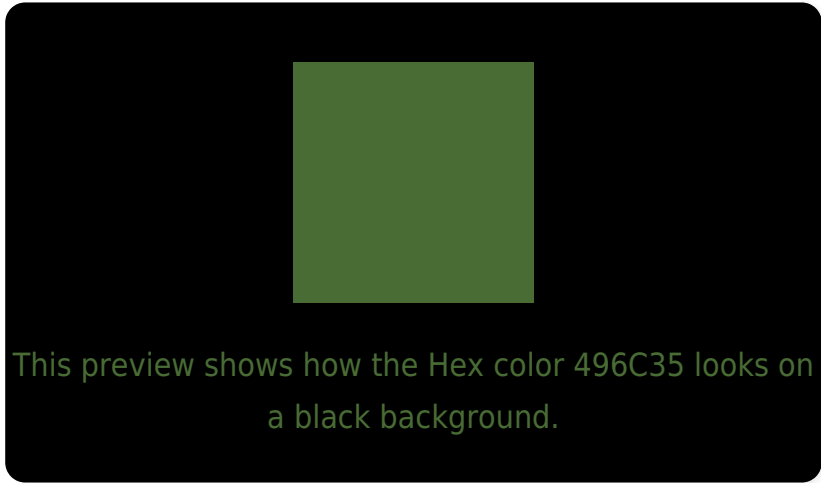
Large Text (above 18pt) WCAG AA ✓ Pass

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

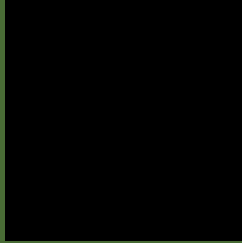
Any Text WCAG AA × Fail

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 496C35 Background



This preview shows how black text looks on a background with the Hex color 496C35.



This preview shows how white text looks on a background with the Hex color 496C35.

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](#).

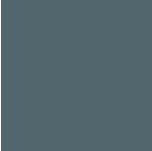
Dichromacy



Original Color
496C35

Protanopia
6D6332

Deuteranopia
785E39

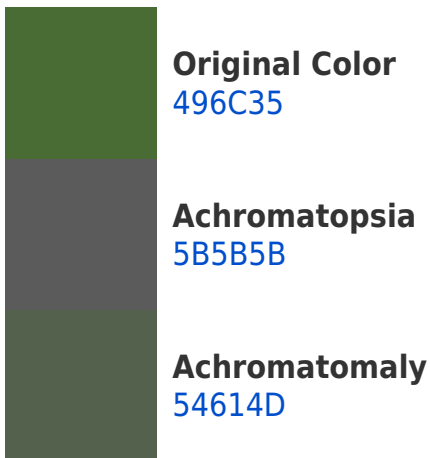


Tritanopia
52666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 496C35 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 #496C35 looks like.

```
.text, #text, p{  
    color:#496C35  
}
```

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 #496C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496C35
}
```

Border

The CSS property to change the border of an element to Hex 496C35 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
#496C35 }
```

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

```
.border{ border-color:#496C35 }
```

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

Here you see how a box with a 4 pixel #496C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496C35; -webkit-box-shadow:4px 4px  
4px 4px #496C35; box-shadow:4px 4px 4px  
4px #496C35 }
```

Background

The CSS property to change the background color of an element to Hex 496C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496C35 }
```

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

```
.background{ background-color:#496C35 }
```

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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