

Converting Colors

Hex(496346)

Have a look what the booklet for
Hex(496346) contains.

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Color

Hex(496346)

Conversions

Conversions Part 1

Format	Color
Hex	496346
RGB	73, 99, 70
RGB Percent	29%, 39%, 27%
CMY	0.7137, 0.6118, 0.7255
CMYK	0.26, 0.00, 0.29, 0.61
HSL	114°, 17%, 33%
HSV	114°, 29%, 39%
XYZ	8.3150, 10.7823, 7.4373
YIQ	87.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

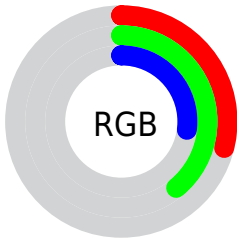
Format	Color
RYB	70, 99, 96
Decimal	4809542
CIELab	39.21, -16.02, 13.44
CIElCh	39, 20.908, 140.009
Yxy	10.7823, 0.3134, 0.4063
Android (android.graphics.Color)	4282999622 (0xFF496346)
YUV	87.9200, -8.8346, -13.0848
Hunter-Lab	32.8365, -12.2634, 9.5566

Details

The Hex color **496346** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **604663**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7A9676**, and **1C341A** is the 20% darker color. If you saturate the color by 10%, you get **40633C**, and if you desaturate by 10%, it is **526350**.

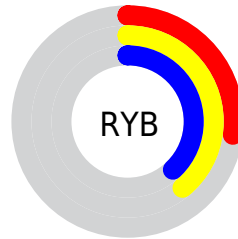
Distribution



Red (29%)

Green (39%)

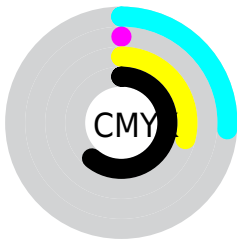
Blue (27%)



Red (27%)

Yellow (39%)

Blue (38%)

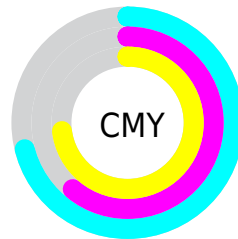


Cyan (26%)

Magenta (0%)

Yellow (29%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496346 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 496346 by changing the saturation by 10% instead.



496346



496346

FFFFFF



324B2F



7A9676



1C341A



94B190



071F00



AFCCAB



000000



CBE8C6



E7FFE2



496346



496346



40633C



526350



376332



5B635A

■ 2E6328

■ 646364

■ 25631E

■ 6D636E

■ 1D6315

■ 756378

■ 14630B

■ 7E6381

■ 0B6301

■ 87638B

■ 0A6300

■ 906395

■ 99639F

Harmonies

Analogous

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



5C5F3C



496346



356556

Triad

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



496346



3D607D



7E5052

Complementary

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



496346



604663

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.



7A5063



496346



575A7C

Square

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



496346



276476



6C5472



795443

Rectangle

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



496346



296662



6C5472



7E5057

Sweetspot

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



496346



758074



636046



394039



BFBFBF



404040

Same Dimension

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



496346



578053



466351



2C302C



0C7000



19F000

Inverse Universe

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



604663



7B5380



634658



302C30



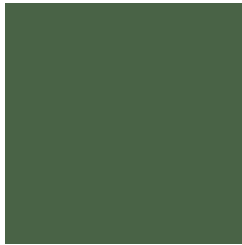
650070



D700F0

Previews

White Background



This preview shows how the Hex color 496346 looks on a white background.

Color Contrast Check

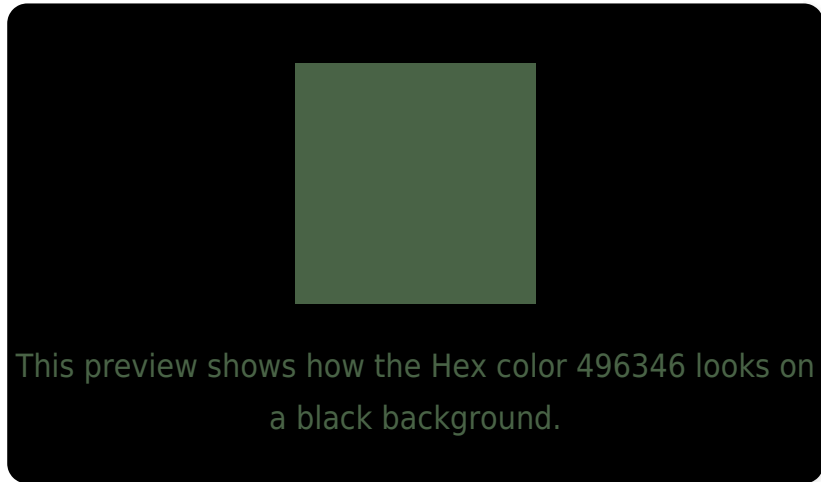
Large Text (above 18pt) WCAG AA ✓ Pass

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

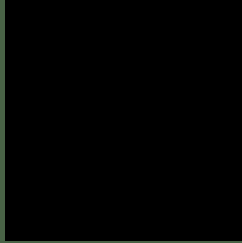
Any Text WCAG AA × Fail

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 496346 Background



This preview shows how black text looks on a background with the Hex color 496346.



This preview shows how white text looks on a background with the Hex color 496346.

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
496346

Protanopia
635C43

Deuteranopia
6C5848



Tritanopia
4F5F66

Trichromacy



Original Color
496346

Protanomaly
5A5F44

Deuteranomaly
5F5C47

Tritanomaly
4D605A

Monochromacy



Original Color
496346

Achromatopsia
585858

Achromatomaly
535C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 496346 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 #496346 looks like.

```
.text, #text, p{  
    color:#496346  
}
```

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 #496346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496346
}
```

Border

The CSS property to change the border of an element to Hex 496346 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".

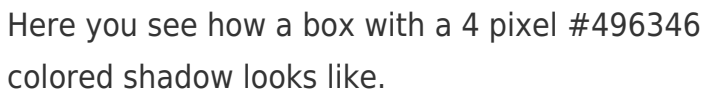
```
.border, #border, table{ border:4px solid
#496346 }
```

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

```
.border{ border-color:#496346 }
```

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

Here you see how a box with a 4 pixel #496346 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496346; -webkit-box-shadow:4px 4px  
4px 4px #496346; box-shadow:4px 4px 4px  
4px #496346 }
```

Background

The CSS property to change the background color of an element to Hex 496346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496346 }
```

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

```
.background{ background-color:#496346 }
```

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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