

Converting Colors

Hex(496800)

Have a look what the booklet for
Hex(496800) contains.

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Color

Hex(496800)

Conversions

Conversions Part 1

Format	Color
Hex	496800
RGB	73, 104, 0
RGB Percent	29%, 41%, 0%
CMY	0.7137, 0.5922, 1.0000
CMYK	0.30, 0.00, 1.00, 0.59
HSL	78°, 100%, 20%
HSV	78°, 100%, 41%
XYZ	7.6980, 11.3171, 1.7787
YIQ	82.8750, 14.9080, -38.9160

Conversions

Conversions Part 2

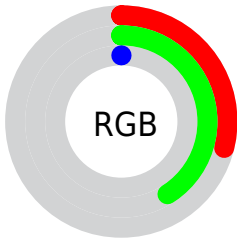
Format	Color
RYB	0, 104, 31
Decimal	4810752
CIELab	40.11, -25.52, 45.99
CIELCh	40, 52.600, 119.026
Yxy	11.3171, 0.3702, 0.5443
Android (android.graphics.Color)	4283000832 (0xFF496800)
YUV	82.8750, -40.8574, -8.6604
Hunter-Lab	33.6409, -18.0258, 20.4138

Details

The Hex color **496800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0068**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7D9B3B**, and **163900** is the 20% darker color. If you saturate the color by 10%, you get **496800**, and if you desaturate by 10%, it is **4C680A**.

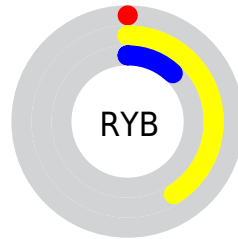
Distribution



Red (29%)

Green (41%)

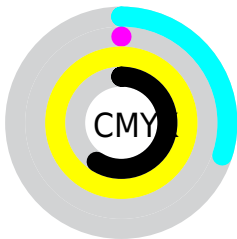
Blue (0%)



Red (0%)

Yellow (41%)

Blue (12%)

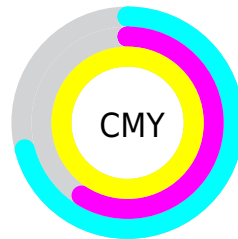


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496800 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 496800 by changing the saturation by 10% instead.

 496800

 496800

 FFFFF8

 305000

 7D9B3B

 163900

 98B654

 002300

 B4D26E

 000100

 D0EE88

 000000

 EDFFA3

 FFFFBF

 FFFFDB

 496800

 4C680A

 4F6815

 52681F

 55682A

 596834

 5C683E

 5F6849

 626853

 65685E

Harmonies

Analogous

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



735C00



496800



006F2F

Triad

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



496800



006EA8



A83062

Complementary

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



496800



1F0068

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.



903E8B



496800



0064B5

Square

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



496800



007287



5954AA



A83738

Rectangle

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



496800



00714D



5954AA



A33370

Sweetspot

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



496800



7B875F



681D00



3D452C



C4C4C4



454545

Same Dimension

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



496800



5F8700



176800



31332E



517300



AAF200

Inverse Universe

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



1F0068



280087



510068



2F2E33



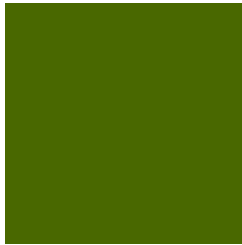
220073



4800F2

Previews

White Background



This preview shows how the Hex color 496800 looks on a white background.

Color Contrast Check

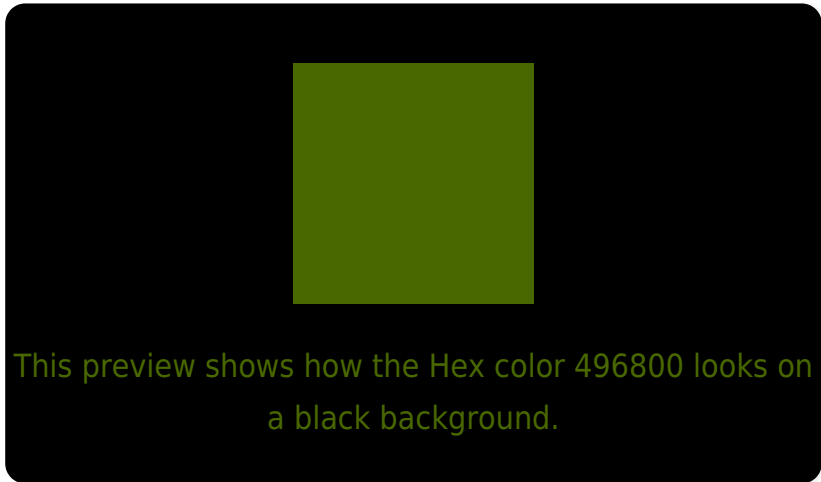
Large Text (above 18pt) WCAG AA ✓ Pass

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

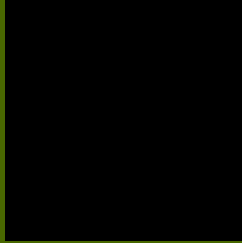
Any Text WCAG AA × Fail

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 496800 Background



This preview shows how black text looks on a background with the Hex color 496800.



This preview shows how white text looks on a background with the Hex color 496800.

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](#).

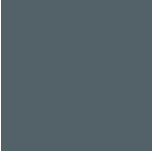
Dichromacy



Original Color
496800

Protanopia
6B5F00

Deuteranopia
775A14



Tritanopia
536168

Trichromacy



Original Color
496800

Protanomaly
5F6200

Deuteranomaly
665F0D

Tritanomaly
4F6442

Monochromacy



Original Color
496800

Achromatopsia
535353

Achromatomaly
4F5B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 496800 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 #496800 looks like.

```
.text, #text, p{  
    color:#496800  
}
```

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 #496800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496800
}
```

Border

The CSS property to change the border of an element to Hex 496800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

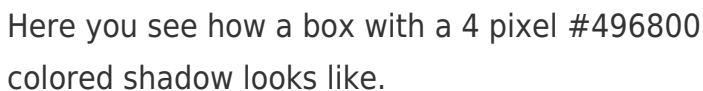
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#496800 }
```

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

```
.border{ border-color:#496800 }
```

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



Here you see how a box with a 4 pixel #496800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496800; -webkit-box-shadow:4px 4px  
4px 4px #496800; box-shadow:4px 4px 4px  
4px #496800 }
```

Background

The CSS property to change the background color of an element to Hex 496800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496800 }
```

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

```
.background{ background-color:#496800 }
```

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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