

Converting Colors

Hex(496D13)

Have a look what the booklet for
Hex(496D13) contains.

Hex(496D13)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(496D13)

Conversions

Conversions Part 1

Format	Color
Hex	496D13
RGB	73, 109, 19
RGB Percent	29%, 43%, 7%
CMY	0.7137, 0.5725, 0.9255
CMYK	0.33, 0.00, 0.83, 0.57
HSL	84°, 70%, 25%
HSV	84°, 83%, 43%
XYZ	8.3338, 12.4008, 2.5704
YIQ	87.9760, 7.4340, -35.6220

Conversions

Conversions Part 2

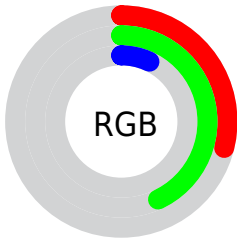
Format	Color
RYB	19, 109, 55
Decimal	4812051
CIELab	41.85, -27.21, 42.36
CIELCh	42, 50.346, 122.712
Yxy	12.4008, 0.3576, 0.5321
Android (android.graphics.Color)	4283002131 (0xFF496D13)
YUV	87.9760, -34.0052, -13.1340
Hunter-Lab	35.2147, -19.3823, 20.3225

Details

The Hex color **496D13** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **37136D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7DA147**, and **173D00** is the 20% darker color. If you saturate the color by 10%, you get **456D08**, and if you desaturate by 10%, it is **4D6D1E**.

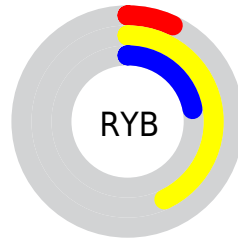
Distribution



Red (29%)

Green (43%)

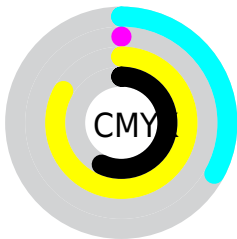
Blue (7%)



Red (7%)

Yellow (43%)

Blue (22%)

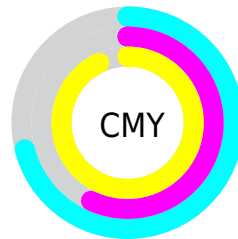


Cyan (33%)

Magenta (0%)

Yellow (83%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496D13 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 496D13 by changing the saturation by 10% instead.



496D13



496D13

FFFFFF



305400



7DA147



173D00



98BC60



002700



B4D87A



000C00



D0F494



000000



EDFFB0



FFFFCB



FFFFE8



496D13



496D13

■ 456D08

■ 4D6D1E

■ 416D00

■ 526D29

■ 566D34

■ 5A6D3F

■ 5F6D4A

■ 636D54

■ 686D5F

■ 6C6D6A

■ 706D75

Harmonies

Analogous

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



736200



496D13



00733B

Triad

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



496D13



0071AC



AB3861

Complementary

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



496D13



37136D

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.



974389



496D13



0066B6

Square

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



496D13



00758F



6756A9



A94038

Rectangle

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



496D13



007557



6756A9



A73A6F

Sweetspot

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



496D13



818F6B



6D3713



3F4732



C7C7C7



474747

Same Dimension

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



496D13



568F01



1C6D13



333630



467500



93F500

Inverse Universe

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



37136D



3A018F



64136D



323036



2F0075



6200F5

Previews

White Background



This preview shows how the Hex color 496D13 looks on a white background.

Color Contrast Check

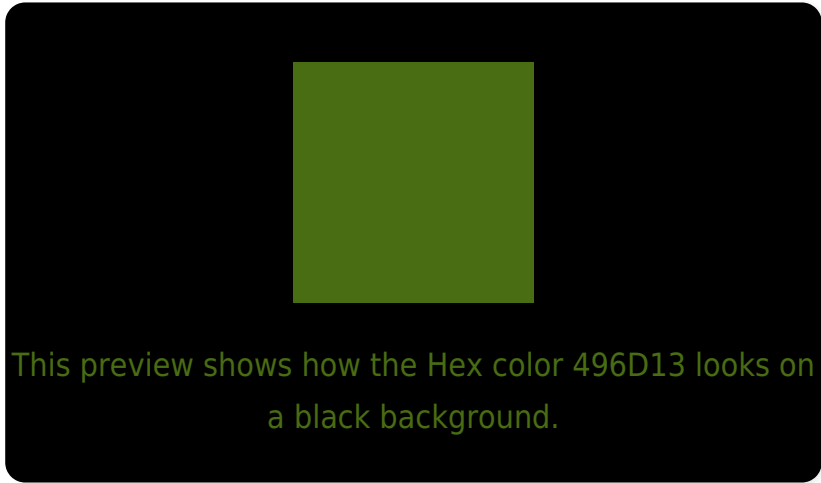
Large Text (above 18pt) WCAG AA ✓ Pass

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 496D13 Background



This preview shows how black text looks on a background with the Hex color 496D13.



This preview shows how white text looks on a background with the Hex color 496D13.

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](#).

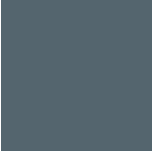
Dichromacy



Original Color
496D13

Protanopia
6F6310

Deuteranopia
7C5D1C



Tritanopia
54656E

Trichromacy



Original Color
496D13

Protanomaly
616711

Deuteranomaly
696319

Tritanomaly
50684D

Monochromacy



Original Color
496D13

Achromatopsia
585858

Achromatomaly
53603F

CSS Examples

Text

The CSS property to change the color of the text to Hex 496D13 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 #496D13 looks like.

```
.text, #text, p{  
    color:#496D13  
}
```

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 #496D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496D13
}
```

Border

The CSS property to change the border of an element to Hex 496D13 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".

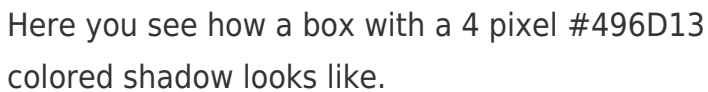
```
.border, #border, table{ border:4px solid
#496D13 }
```

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

```
.border{ border-color:#496D13 }
```

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

Here you see how a box with a 4 pixel #496D13 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a solid green rectangle that is slightly offset from the bottom and right edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #496D13 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496D13; -webkit-box-shadow:4px 4px  
4px 4px #496D13; box-shadow:4px 4px 4px  
4px #496D13 }
```

Background

The CSS property to change the background color of an element to Hex 496D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496D13 }
```

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

```
.background{ background-color:#496D13 }
```

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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