

Converting Colors

Hex(496047)

Have a look what the booklet for
Hex(496047) contains.

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Color

Hex(496047)

Conversions

Conversions Part 1

Format	Color
Hex	496047
RGB	73, 96, 71
RGB Percent	29%, 38%, 28%
CMY	0.7137, 0.6235, 0.7216
CMYK	0.24, 0.00, 0.26, 0.62
HSL	115°, 15%, 33%
HSV	115°, 26%, 38%
XYZ	8.0679, 10.2371, 7.5120
YIQ	86.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

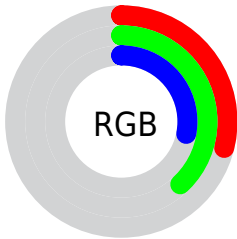
Format	Color
RYB	71, 96, 94
Decimal	4808775
CIELab	38.26, -14.16, 11.53
CIElCh	38, 18.261, 140.839
Yxy	10.2371, 0.3125, 0.3965
Android (android.graphics.Color)	4282998855 (0xFF496047)
YUV	86.2730, -7.5296, -11.6404
Hunter-Lab	31.9955, -10.9824, 8.4766

Details

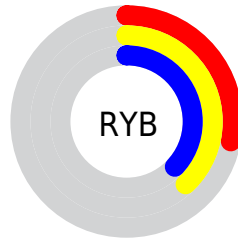
The Hex color **496047** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E4760**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7A9377**, and **1C321B** is the 20% darker color. If you saturate the color by 10%, you get **40603D**, and if you desaturate by 10%, it is **526051**.

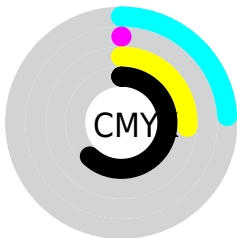
Distribution



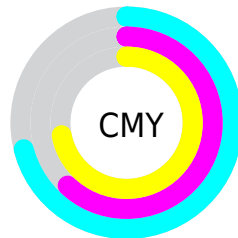
- Red (29%)
- Green (38%)
- Blue (28%)



- Red (28%)
- Yellow (38%)
- Blue (37%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (62%)



- Cyan (71%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496047 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 496047 by changing the saturation by 10% instead.



496047



496047

FFFFFF



324830



7A9377



1C321B



94AD91



061D01



AFC9AC



000000



CAE5C7



E6FFE3



496047



496047



40603D



526051



376034



5B605A

■ 2F602A

■ 636064

■ 266021

■ 6C606D

■ 1D6017

■ 756077

■ 14600D

■ 7E6081

■ 0B6004

■ 87608A

■ 086000

■ 906094

■ 98609D

Harmonies

Analogous

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



5A5C3E



496047



386255

Triad

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



496047



405D77



785050

Complementary

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



496047



5E4760

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.



74505F



496047



565876

Square

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



496047



2F6071



69536D



735344

Rectangle

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



496047



2F625F



69536D



784F55

Sweetspot

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



496047



747D73



605E47



3A4039



BFBFBF



404040

Same Dimension

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



496047



597D56



476051



2C302C



097000



13F000

Inverse Universe

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



5E4760



7A567D



604756



302C30



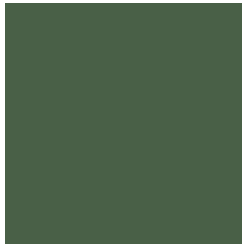
670070



DD00F0

Previews

White Background



This preview shows how the Hex color 496047 looks on a white background.

Color Contrast Check

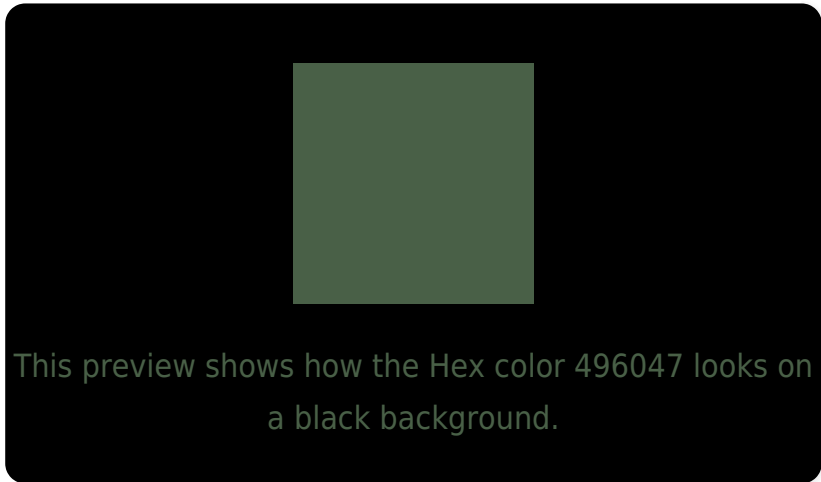
Large Text (above 18pt) WCAG AA ✓ Pass

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

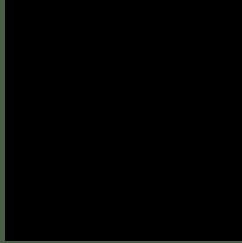
Any Text WCAG AA × Fail

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 496047 Background



This preview shows how black text looks on a background with the Hex color 496047.



This preview shows how white text looks on a background with the Hex color 496047.

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](#).

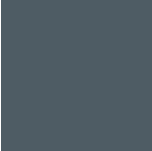
Dichromacy



Original Color
496047

Protanopia
605A44

Deuteranopia
685649



Tritanopia
4E5C64

Trichromacy



Original Color
496047

Protanomaly
585C45

Deuteranomaly
5D5A48

Tritanomaly
4C5D59

Monochromacy



Original Color
496047

Achromatopsia
565656

Achromatomaly
515A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 496047 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 #496047 looks like.

```
.text, #text, p{  
    color:#496047  
}
```

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 #496047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496047
}
```

Border

The CSS property to change the border of an element to Hex 496047 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
#496047 }
```

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

```
.border{ border-color:#496047 }
```

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

Here you see how a box with a 4 pixel #496047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496047; -webkit-box-shadow:4px 4px  
4px 4px #496047; box-shadow:4px 4px 4px  
4px #496047 }
```

Background

The CSS property to change the background color of an element to Hex 496047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496047 }
```

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

```
.background{ background-color:#496047 }
```

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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