

# Converting Colors

Hex(496136)

Have a look what the booklet for  
Hex(496136) contains.

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# Color

**Hex(496136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496136
RGB	73, 97, 54
RGB Percent	29%, 38%, 21%
CMY	0.7137, 0.6196, 0.7882
CMYK	0.25, 0.00, 0.44, 0.62
HSL	93°, 28%, 30%
HSV	93°, 44%, 38%
XYZ	7.6882, 10.2322, 5.0598
YIQ	84.9220, -0.5010, -18.4610

# Conversions

## Conversions Part 2

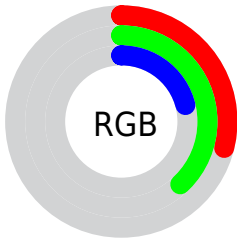
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 97, 78
Decimal	4809014
CIELab	38.26, -17.62, 21.64
CIELCh	38, 27.909, 129.159
Yxy	10.2322, 0.3346, 0.4453
Android (android.graphics.Color)	4282999094 (0xFF496136)
YUV	84.9220, -15.2445, -10.4556
Hunter-Lab	31.9878, -13.0766, 13.0130

# Details

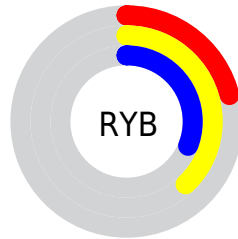
The Hex color **496136** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E3661**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7B9465**, and **1B320A** is the 20% darker color. If you saturate the color by 10%, you get **44612C**, and if you desaturate by 10%, it is **4E6140**.

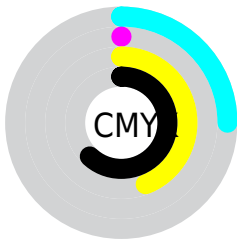
# Distribution



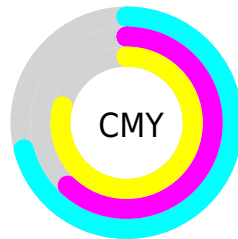
- Red (29%)
- Green (38%)
- Blue (21%)



- Red (21%)
- Yellow (38%)
- Blue (31%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (62%)



- Cyan (71%)
- Magenta (62%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496136 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 496136 by changing the saturation by 10% instead.



 496136

 496136

FFFFFF

 324920

 7B9465

 1B320A

 95AE7F

 011E00

 B0CA99

 000000

 CBE6B4

 E8FFCF

 FFFFEC

 496136

 496136

 44612C

 4E6140

■ 3E6123

■ 546149

■ 396119

■ 596153

■ 33610F

■ 5F615D

■ 2E6106

■ 646167

■ 2B6100

■ 696170

■ 6F617A

■ 746184

■ 7A618D

# Harmonies

## Analogous

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



615B2C



496136



2B6549

# Triad

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



496136



0B6184



854854

# Complementary

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



496136



4E3661

# 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.



7C4A6B



496136



435A87

# Square

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



496136



006576



65527D



824C3F

# Rectangle

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



496136



0A6659



65527D



83485C



# Sweetspot

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



496136



747D6D



614E36



3A4036



BFBFBF



404040



# Same Dimension

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



496136



587D3B



366138



2E302C



327000



6AF000



# Inverse Universe

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



4E3661



603B7D



61365F



2E2C30



3F0070

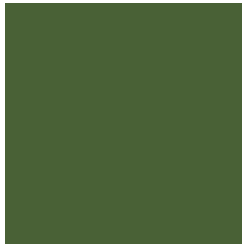


8600F0



# Previews

## White Background



This preview shows how the Hex color 496136 looks on a white background.

## Color Contrast Check

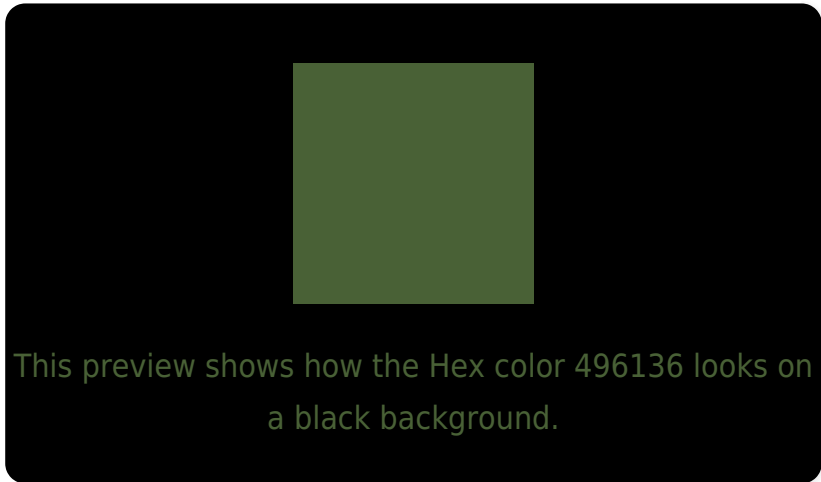
Large Text (above 18pt) WCAG AA ✓ Pass

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

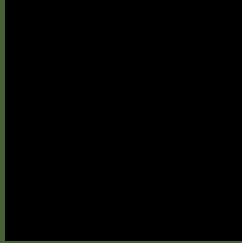
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 496136 Background



This preview shows how black text looks on a background with the Hex color 496136.



This preview shows how white text looks on a background with the Hex color 496136.

# 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](#).

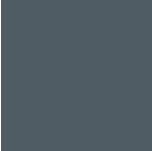
## Dichromacy



**Original Color**  
496136

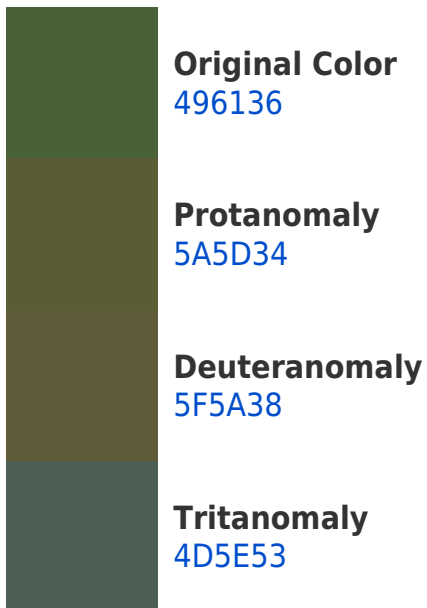
**Protanopia**  
635A33

**Deuteranopia**  
6C5639

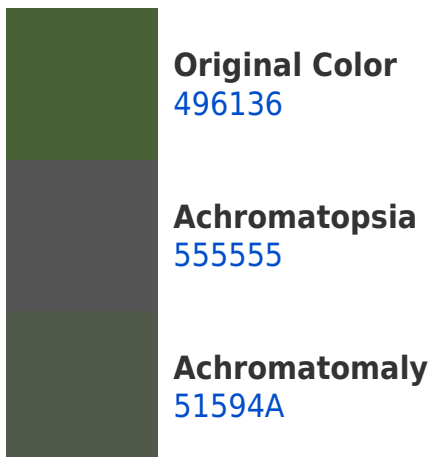


**Tritanopia**  
505C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496136 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 #496136 looks like.

```
.text, #text, p{  
    color:#496136  
}
```

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 #496136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496136
}
```

## Border

The CSS property to change the border of an element to Hex 496136 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
#496136 }
```

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

```
.border{ border-color:#496136 }
```

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

Here you see how a box with a 4 pixel #496136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496136; -webkit-box-shadow:4px 4px  
4px 4px #496136; box-shadow:4px 4px 4px  
4px #496136 }
```

# Background

The CSS property to change the background color of an element to Hex 496136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496136 }
```

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

```
.background{ background-color:#496136 }
```

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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