

# Converting Colors

Hex(486D39)

Have a look what the booklet for  
Hex(486D39) contains.

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# Color

Hex(486D39)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	486D39
RGB	72, 109, 57
RGB Percent	28%, 43%, 22%
CMY	0.7176, 0.5725, 0.7765
CMYK	0.34, 0.00, 0.48, 0.57
HSL	103°, 31%, 33%
HSV	103°, 48%, 43%
XYZ	8.8796, 12.6104, 5.8369
YIQ	92.0090, -5.3600, -24.0160

# Conversions

## Conversions Part 2

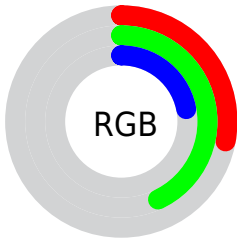
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 109, 94
Decimal	4746553
CIELab	42.17, -23.86, 24.88
CIElCh	42, 34.472, 133.796
Yxy	12.6104, 0.3249, 0.4615
Android (android.graphics.Color)	4282936633 (0xFF486D39)
YUV	92.0090, -17.2594, -17.5479
Hunter-Lab	35.5111, -17.5101, 15.1123

# Details

The Hex color **486D39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E396D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7AA169**, and **183D0C** is the 20% darker color. If you saturate the color by 10%, you get **406D2E**, and if you desaturate by 10%, it is **506D44**.

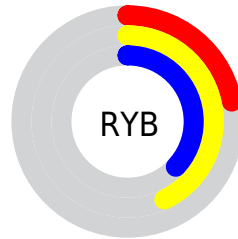
# Distribution



 Red (28%)

 Green (43%)

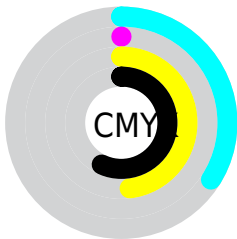
 Blue (22%)



 Red (22%)

 Yellow (43%)

 Blue (37%)

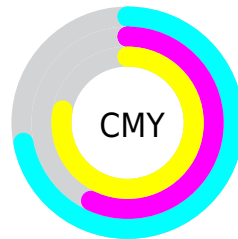


 Cyan (34%)

 Magenta (0%)

 Yellow (48%)

 Black (57%)



 Cyan (72%)

 Magenta (57%)

 Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486D39 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 486D39 by changing the saturation by 10% instead.





486D39



486D39

FFFFFF



305422



7AA169



183D0C



95BC83



022700



B0D89D



000E00



CBF4B8



000000



E8FFD4



FFFFFF0



486D39



486D39



406D2E



506D44

■ 386D23

■ 586D4F

■ 316D18

■ 5F6D5A

■ 296D0D

■ 676D65

■ 216D03

■ 6F6D6F

■ 1F6D00

■ 776D7A

■ 7E6D85

■ 866D90

■ 8E6D9B

# Harmonies

## Analogous

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



68662A



486D39



197153

# Triad

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



486D39



006B9A



994C57

# Complementary

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



486D39



5E396D

# 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.



904E74



486D39



4C629B

# Square

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



486D39



00708A



77578D



93523D

# Rectangle

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



486D39



007266



77578D



984B61



# Sweetspot

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



486D39



818F7B



6D5D39



3F473B



C7C7C7



474747



# Same Dimension

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



486D39



558F3D



396D43



323630



227500



47F500



# Inverse Universe

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



5E396D



773D8F



6D3963



343036



530075



AE00F5



# Previews

## White Background



This preview shows how the Hex color 486D39 looks on a white background.

## Color Contrast Check

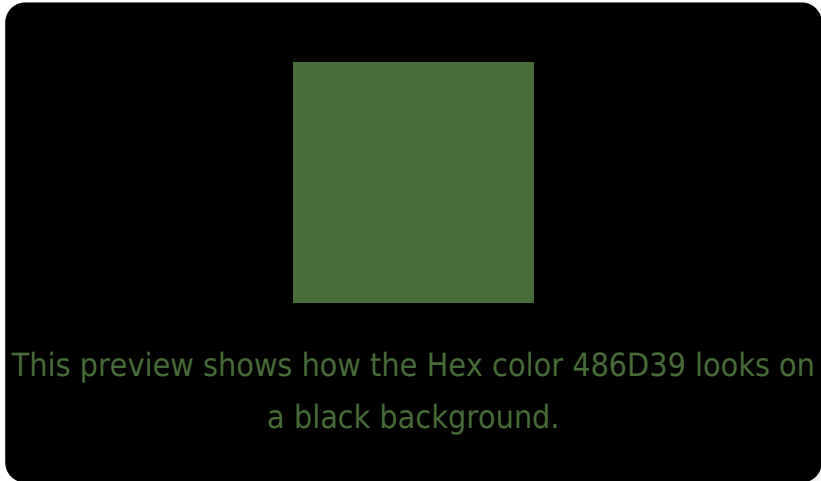
Large Text (above 18pt) WCAG AA ✓ Pass

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

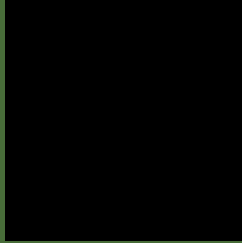
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 486D39 Background



This preview shows how black text looks on a background with the Hex color 486D39.



This preview shows how white text looks on a background with the Hex color 486D39.

# 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**  
486D39

**Protanopia**  
6D6336

**Deuteranopia**  
785F3C



**Tritanopia**  
51676F

# Trichromacy



**Original Color**  
486D39

**Protanomaly**  
606737

**Deuteranomaly**  
67643B

**Tritanomaly**  
4E695B

# Monochromacy



**Original Color**  
486D39

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
55624F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486D39 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 #486D39 looks like.

```
.text, #text, p{  
    color:#486D39  
}
```

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 #486D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486D39
}
```

## Border

The CSS property to change the border of an element to Hex 486D39 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".

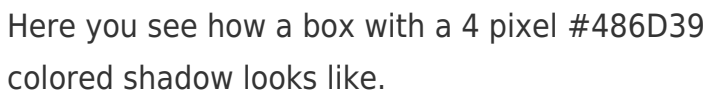
```
.border, #border, table{ border:4px solid
#486D39 }
```

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

```
.border{ border-color:#486D39 }
```

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

Here you see how a box with a 4 pixel #486D39 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486D39; -webkit-box-shadow:4px 4px  
4px 4px #486D39; box-shadow:4px 4px 4px  
4px #486D39 }
```

# Background

The CSS property to change the background color of an element to Hex 486D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486D39 }
```

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

```
.background{ background-color:#486D39 }
```

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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