

# Converting Colors

Hex(486B27)

Have a look what the booklet for  
Hex(486B27) contains.

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**Color**

**Hex(486B27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	486B27
RGB	72, 107, 39
RGB Percent	28%, 42%, 15%
CMY	0.7176, 0.5804, 0.8471
CMYK	0.33, 0.00, 0.64, 0.58
HSL	91°, 47%, 29%
HSV	91°, 64%, 42%
XYZ	8.2964, 12.0396, 3.8061
YIQ	88.7830, 0.9680, -28.5680

# Conversions

## Conversions Part 2

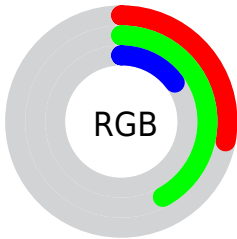
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 107, 74
Decimal	4746023
CIELab	41.28, -25.10, 33.36
CIELCh	41, 41.748, 126.951
Yxy	12.0396, 0.3436, 0.4987
Android (android.graphics.Color)	4282936103 (0xFF486B27)
YUV	88.7830, -24.5430, -14.7187
Hunter-Lab	34.6981, -18.0420, 17.7851

# Details

The Hex color **486B27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A276B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7B9F57**, and **183B00** is the 20% darker color. If you saturate the color by 10%, you get **426B1C**, and if you desaturate by 10%, it is **4E6B32**.

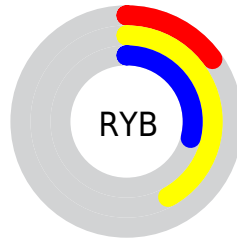
# Distribution



Red (28%)

Green (42%)

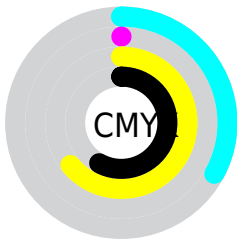
Blue (15%)



Red (15%)

Yellow (42%)

Blue (29%)

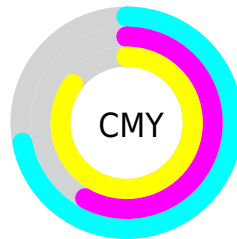


Cyan (33%)

Magenta (0%)

Yellow (64%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486B27 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 486B27 by changing the saturation by 10% instead.





486B27



486B27

FFFFFF



2F530F



7B9F57



183B00



95BA70



002500



B1D58A



000900



CDF2A5



000000



E9FFC0



FFFFDC



FFFFF9



486B27



486B27

■ 426B1C

■ 4E6B32

■ 3D6B12

■ 536B3C

■ 376B07

■ 596B47

■ 346B00

■ 5E6B52

■ 646B5D

■ 696B67

■ 6F6B72

■ 746B7D

■ 7A6B87

# Harmonies

## Analogous

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



6C6217



486B27



017045

# Triad

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



486B27



006CA0



A0425B

# Complementary

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



486B27



4A276B

# 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.



91477D



486B27



2963A5

# Square

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



486B27



00718A



6D5598



9C493A

# Rectangle

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



486B27



00725D



6D5598



9D4266



# Sweetspot

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



486B27



7F8C72



6B4927



3F4737



C7C7C7



474747



# Same Dimension

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



486B27



558C22



276B27



333630



397500



77F500



# Inverse Universe

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



4A276B



59228C



6B276B



333036



3C0075



7E00F5



# Previews

## White Background



This preview shows how the Hex color 486B27 looks on a white background.

## Color Contrast Check

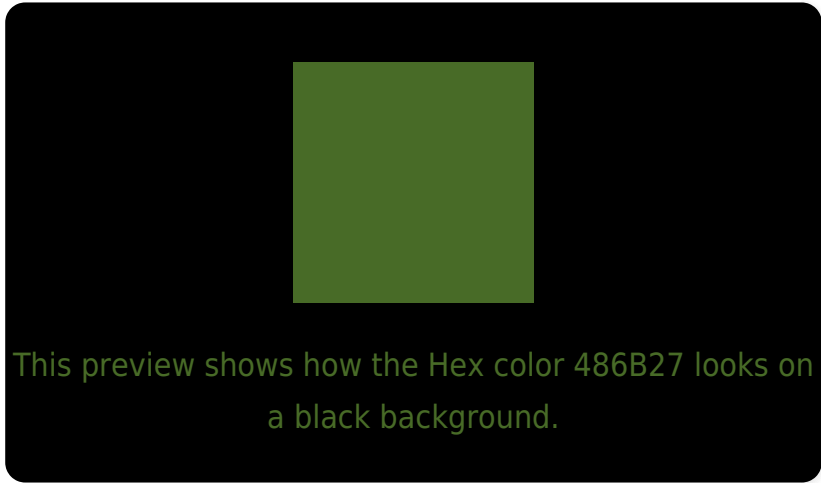
Large Text (above 18pt) WCAG AA ✓ Pass

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

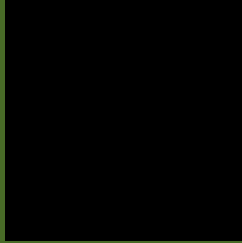
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 486B27 Background



This preview shows how black text looks on a background with the Hex color 486B27.



This preview shows how white text looks on a background with the Hex color 486B27.

# 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](#).

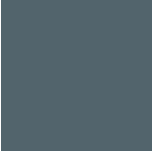
## Dichromacy



**Original Color**  
486B27

**Protanopia**  
6C6124

**Deuteranopia**  
785C2C

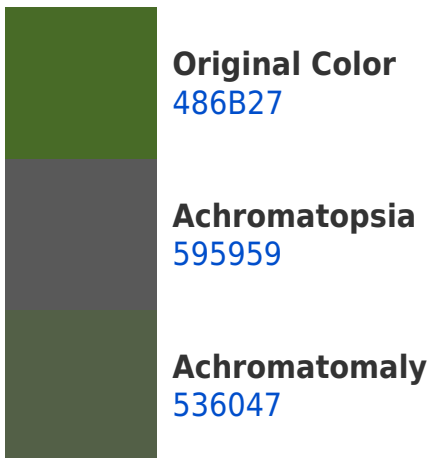


**Tritanopia**  
52646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486B27 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 #486B27 looks like.

```
.text, #text, p{  
    color:#486B27  
}
```

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 #486B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486B27
}
```

## Border

The CSS property to change the border of an element to Hex 486B27 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".

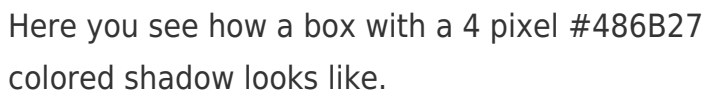
```
.border, #border, table{ border:4px solid
#486B27 }
```

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

```
.border{ border-color:#486B27 }
```

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

Here you see how a box with a 4 pixel #486B27 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486B27; -webkit-box-shadow:4px 4px  
4px 4px #486B27; box-shadow:4px 4px 4px  
4px #486B27 }
```

# Background

The CSS property to change the background color of an element to Hex 486B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486B27 }
```

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

```
.background{ background-color:#486B27 }
```

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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