

# Converting Colors

Hex(486150)

Have a look what the booklet for  
Hex(486150) contains.

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# Color

**Hex(486150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	486150
RGB	72, 97, 80
RGB Percent	28%, 38%, 31%
CMY	0.7176, 0.6196, 0.6863
CMYK	0.26, 0.00, 0.18, 0.62
HSL	139°, 15%, 33%
HSV	139°, 26%, 38%
XYZ	8.3951, 10.5063, 9.1749
YIQ	87.5870, -9.4430, -10.5870

# Conversions

## Conversions Part 2

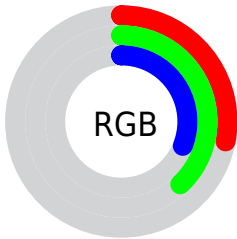
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 91, 97
Decimal	4743504
CIELab	38.74, -13.26, 6.69
CIElCh	39, 14.852, 153.224
Yxy	10.5063, 0.2990, 0.3742
Android (android.graphics.Color)	4282933584 (0xFF486150)
YUV	87.5870, -3.7404, -13.6698
Hunter-Lab	32.4134, -10.4916, 5.9069

# Details

The Hex color **486150** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614859**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **799481**, and **1B3224** is the 20% darker color. If you saturate the color by 10%, you get **3E6149**, and if you desaturate by 10%, it is **526157**.

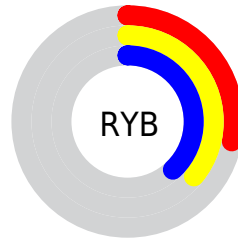
# Distribution



 Red (28%)

 Green (38%)

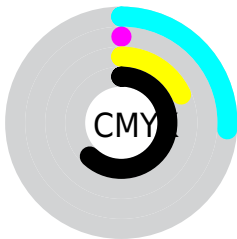
 Blue (31%)




 Red (28%)

 Yellow (36%)

 Blue (38%)

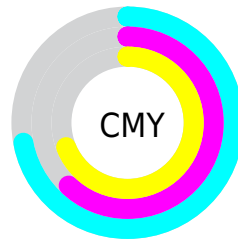


 Cyan (26%)


 Magenta (0%)

 Yellow (18%)

 Black (62%)



 Cyan (72%)

 Magenta (62%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486150 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 486150 by changing the saturation by 10% instead.



486150

486150

FFFFFF

314939

799481

1B3224

93AE9B

051E0E

AECAB6

000000

C9E6D2

E5FFEE

486150

486150

3E6149

526157

356143

5B615D

■ 2B613C

■ 656164

■ 216136

■ 6F616A

■ 18612F

■ 796171

■ 0E6128

■ 826178

■ 046122

■ 8C617E

■ 00611F

■ 966185

■ 9F618B

# Harmonies

## Analogous

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



565E47



486150



3D625C

# Triad

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



486150



4E5C73



73544F

# Complementary

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



486150



614859

# 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.



73535A



486150



5F586F

# Square

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



486150



405F70



6C5466



6D5746

# Rectangle

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



486150



396264



6C5466



745352



# Sweetspot

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



486150



737D76



596148



39403B



BFBFBF



404040



# Same Dimension

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



486150



567D63



48615C



2C302D



007024



00F04D



# Inverse Universe

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



614859



7D5671



61484D



302C2F



70004C



F000A3



# Previews

## White Background



This preview shows how the Hex color 486150 looks on a white background.

## Color Contrast Check

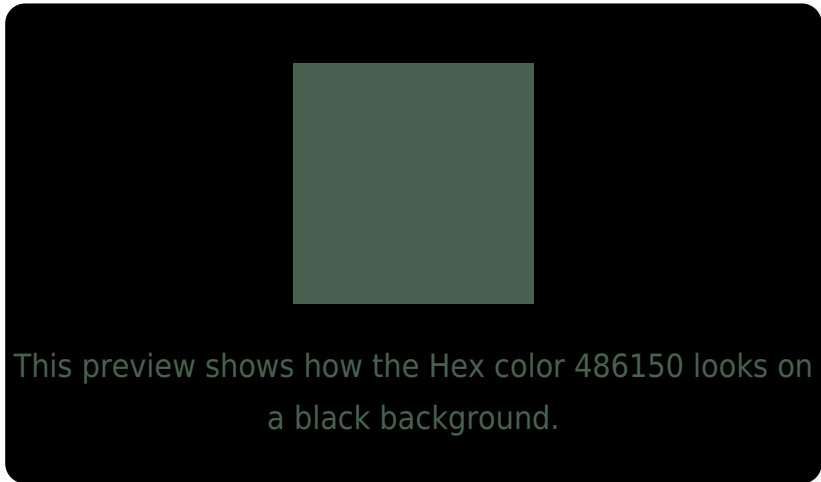
Large Text (above 18pt) WCAG AA ✓ Pass

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

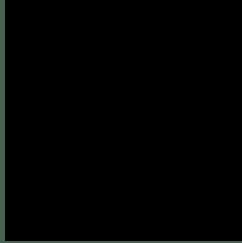
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 486150 Background



This preview shows how black text looks on a background with the Hex color 486150.



This preview shows how white text looks on a background with the Hex color 486150.

# 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](#).

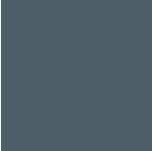
## Dichromacy



**Original Color**  
486150

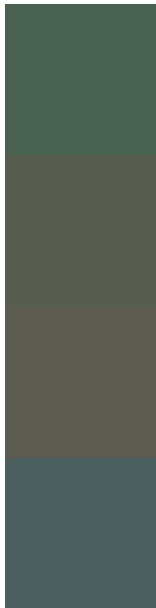
**Protanopia**  
605B4D

**Deuteranopia**  
675852



**Tritanopia**  
4C5E66

# Trichromacy



**Original Color**  
486150

**Protanomaly**  
575D4E

**Deuteranomaly**  
5C5B51

**Tritanomaly**  
4B5F5E

# Monochromacy



**Original Color**  
486150

**Achromatopsia**  
585858

**Achromatomaly**  
525B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486150 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 #486150 looks like.

```
.text, #text, p{  
    color:#486150  
}
```

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 #486150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486150
}
```

## Border

The CSS property to change the border of an element to Hex 486150 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
#486150 }
```

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

```
.border{ border-color:#486150 }
```

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

Here you see how a box with a 4 pixel #486150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486150; -webkit-box-shadow:4px 4px  
4px 4px #486150; box-shadow:4px 4px 4px  
4px #486150 }
```

# Background

The CSS property to change the background color of an element to Hex 486150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486150 }
```

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

```
.background{ background-color:#486150 }
```

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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