

Converting Colors

Hex(486B49)

Have a look what the booklet for
Hex(486B49) contains.

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Color

Hex(486B49)

Conversions

Conversions Part 1

Format	Color
Hex	486B49
RGB	72, 107, 73
RGB Percent	28%, 42%, 29%
CMY	0.7176, 0.5804, 0.7137
CMYK	0.33, 0.00, 0.32, 0.58
HSL	122°, 20%, 35%
HSV	122°, 33%, 42%
XYZ	9.1328, 12.3741, 8.2104
YIQ	92.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

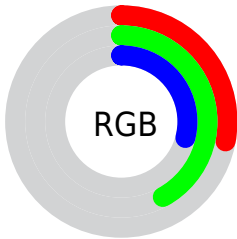
Format	Color
RYB	72, 106, 107
Decimal	4746057
CIELab	41.80, -20.15, 15.17
CIELCh	42, 25.218, 143.024
Yxy	12.3741, 0.3073, 0.4164
Android (android.graphics.Color)	4282936137 (0xFF486B49)
YUV	92.6590, -9.6919, -18.1179
Hunter-Lab	35.1769, -15.2166, 10.7853

Details

The Hex color **486B49** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B486A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7A9F7A**, and **1A3B1D** is the 20% darker color. If you saturate the color by 10%, you get **3D6B3F**, and if you desaturate by 10%, it is **536B53**.

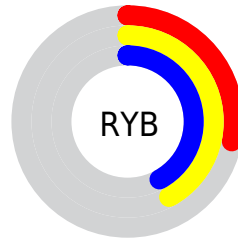
Distribution



Red (28%)

Green (42%)

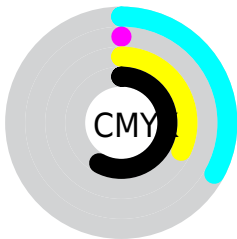
Blue (29%)



Red (28%)

Yellow (42%)

Blue (42%)

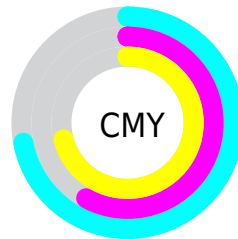


Cyan (33%)

Magenta (0%)

Yellow (32%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486B49 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 486B49 by changing the saturation by 10% instead.

 486B49

 486B49

FFFFFF

 305332

 7A9F7A

 1A3B1D

 94BA94

 042505

 AFD5AE

 000C00

 CAF2CA

 000000

 E7FFE6

 486B49

 486B49

 3D6B3F

 536B53

 336B34

 5D6B5E

 286B2A

 686B68

 1D6B1F

 736B73

 126B15

 7E6B7D

 086B0B

 886B87

 006B03

 936B92

 9E6B9C

 A86BA7

Harmonies

Analogous

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



60663C



486B49



2D6D5D

Triad

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



486B49



3C668B



8B5353

Complementary

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



486B49



6B486A

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.



875368



486B49



5E5F89

Square

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



486B49



176B83



78587C



845942

Rectangle

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



486B49



196E6B



78587C



8B535A

Sweetspot

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



486B49



7E8C7F



6A6B48



3F473F



C7C7C7



474747

Same Dimension

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



486B49



568C57



486B5A



303630



007503



00F507

Inverse Universe

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



6B486A



8C568B



6B4859



363035



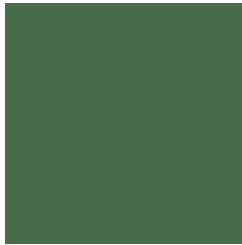
750072



F500EE

Previews

White Background



This preview shows how the Hex color 486B49 looks on a white background.

Color Contrast Check

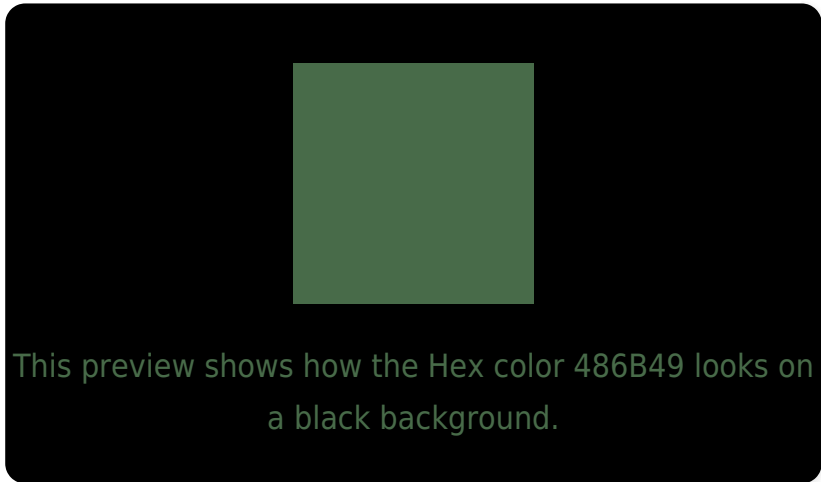
Large Text (above 18pt) WCAG AA ✓ Pass

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

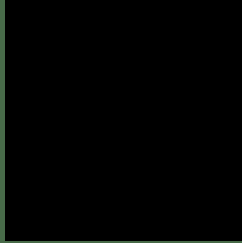
Any Text WCAG AA × Fail

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 486B49 Background



This preview shows how black text looks on a background with the Hex color 486B49.



This preview shows how white text looks on a background with the Hex color 486B49.

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
486B49

Protanopia
6A6245

Deuteranopia
735E4C



Tritanopia
4F666E

Trichromacy



Original Color
486B49

Protanomaly
5E6546

Deuteranomaly
63634B

Tritanomaly
4C6861

Monochromacy



Original Color
486B49

Achromatopsia
5D5D5D

Achromatomaly
556256

CSS Examples

Text

The CSS property to change the color of the text to Hex 486B49 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 #486B49 looks like.

```
.text, #text, p{  
    color:#486B49  
}
```

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 #486B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486B49
}
```

Border

The CSS property to change the border of an element to Hex 486B49 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
#486B49 }
```

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

```
.border{ border-color:#486B49 }
```

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

Here you see how a box with a 4 pixel #486B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486B49; -webkit-box-shadow:4px 4px  
4px 4px #486B49; box-shadow:4px 4px 4px  
4px #486B49 }
```

Background

The CSS property to change the background color of an element to Hex 486B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486B49 }
```

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

```
.background{ background-color:#486B49 }
```

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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