

Converting Colors

Hex(486E2A)

Have a look what the booklet for
Hex(486E2A) contains.

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Color

Hex(486E2A)

Conversions

Conversions Part 1

Format	Color
Hex	486E2A
RGB	72, 110, 42
RGB Percent	28%, 43%, 16%
CMY	0.7176, 0.5686, 0.8353
CMYK	0.35, 0.00, 0.62, 0.57
HSL	94°, 45%, 30%
HSV	94°, 62%, 43%
XYZ	8.6663, 12.6967, 4.1844
YIQ	90.8860, -0.8200, -29.2040

Conversions

Conversions Part 2

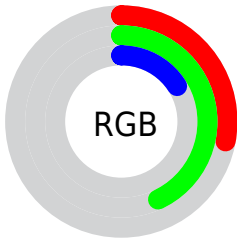
Format	Color
RYB	42, 110, 80
Decimal	4746794
CIELab	42.30, -26.26, 33.03
CIELCh	42, 42.196, 128.486
Yxy	12.6967, 0.3392, 0.4970
Android (android.graphics.Color)	4282936874 (0xFF486E2A)
YUV	90.8860, -24.1008, -16.5630
Hunter-Lab	35.6325, -18.9431, 17.9801

Details

The Hex color **486E2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **502A6E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7BA25A**, and **173E00** is the 20% darker color. If you saturate the color by 10%, you get **426E1F**, and if you desaturate by 10%, it is **4E6E35**.

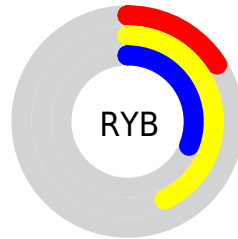
Distribution



Red (28%)

Green (43%)

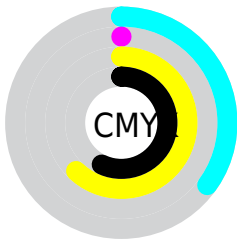
Blue (16%)



Red (16%)

Yellow (43%)

Blue (31%)

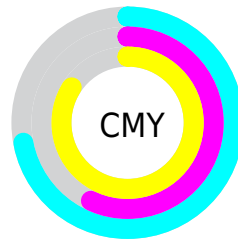


Cyan (35%)

Magenta (0%)

Yellow (62%)

Black (57%)



Cyan (72%)

Magenta (57%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486E2A 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 486E2A by changing the saturation by 10% instead.



486E2A



486E2A

FFFFFF



2F5512



7BA25A



173E00



96BD73



002800



B1D98D



000F00



CDF5A8



000000



E9FFC4



FFFFE0



FFFFFD



486E2A



486E2A

■ 426E1F

■ 4E6E35

■ 3C6E14

■ 546E40

■ 366E09

■ 5A6E4B

■ 316E00

■ 616E56

■ 676E61

■ 6D6E6C

■ 736E77

■ 796E82

■ 7F6E8D

Harmonies

Analogous

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



6D6519



486E2A



007349

Triad

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



486E2A



006EA4



A3445B

Complementary

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



486E2A



502A6E

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.



96497E



486E2A



3164A9

Square

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



486E2A



00748E



73569B



9E4B3A

Rectangle

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



486E2A



007561



73569B



A14467

Sweetspot

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



486E2A



808F74



6E4F2A



3E4737



C7C7C7



474747

Same Dimension

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



486E2A



548F25



2A6E2D



353832



357800



6DF700

Inverse Universe

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



502A6E



60258F



6E2A6B



363238



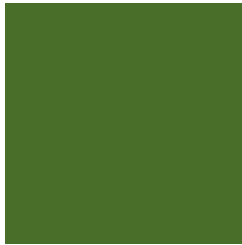
430078



8A00F7

Previews

White Background



This preview shows how the Hex color 486E2A looks on a white background.

Color Contrast Check

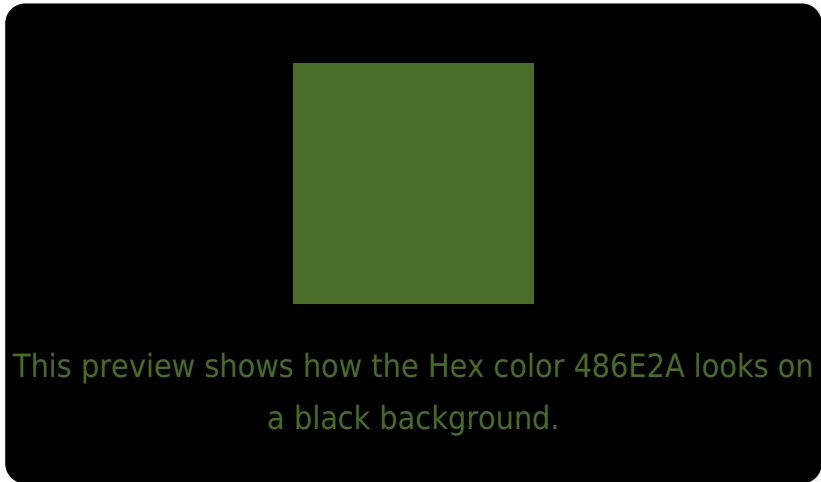
Large Text (above 18pt) WCAG AA ✓ Pass

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

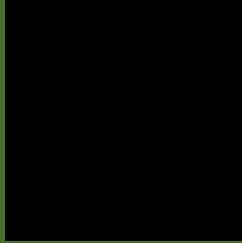
Any Text WCAG AA × Fail

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 486E2A Background



This preview shows how black text looks on a background with the Hex color 486E2A.



This preview shows how white text looks on a background with the Hex color 486E2A.

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
486E2A

Protanopia
6F6427

Deuteranopia
7B5F2F



Tritanopia
52676F

Trichromacy



Original Color
486E2A

Protanomaly
616828

Deuteranomaly
68642D

Tritanomaly
4E6A56

Monochromacy



Original Color
486E2A

Achromatopsia
5B5B5B

Achromatomaly
546249

CSS Examples

Text

The CSS property to change the color of the text to Hex 486E2A 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 #486E2A looks like.

```
.text, #text, p{  
    color:#486E2A  
}
```

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 #486E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486E2A
}
```

Border

The CSS property to change the border of an element to Hex 486E2A 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".

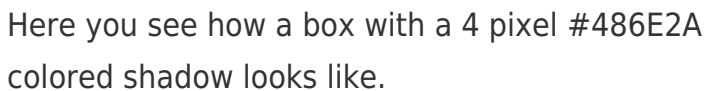
```
.border, #border, table{ border:4px solid
#486E2A }
```

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

```
.border{ border-color:#486E2A }
```

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

Here you see how a box with a 4 pixel #486E2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486E2A; -webkit-box-shadow:4px 4px  
4px 4px #486E2A; box-shadow:4px 4px 4px  
4px #486E2A }
```

Background

The CSS property to change the background color of an element to Hex 486E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486E2A }
```

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

```
.background{ background-color:#486E2A }
```

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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