

Converting Colors

Hex(486700)

Have a look what the booklet for
Hex(486700) contains.

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Color

Hex(486700)

Conversions

Conversions Part 1

Format	Color
Hex	486700
RGB	72, 103, 0
RGB Percent	28%, 40%, 0%
CMY	0.7176, 0.5961, 1.0000
CMYK	0.30, 0.00, 1.00, 0.60
HSL	78°, 100%, 20%
HSV	78°, 100%, 40%
XYZ	7.5227, 11.0782, 1.7418
YIQ	81.9890, 14.5870, -38.6050

Conversions

Conversions Part 2

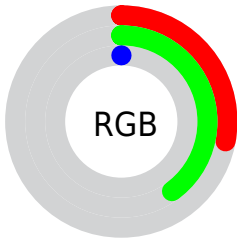
Format	Color
RYB	0, 103, 31
Decimal	4744960
CIELab	39.71, -25.46, 45.66
CIELCh	40, 52.280, 119.145
Yxy	11.0782, 0.3698, 0.5446
Android (android.graphics.Color)	4282935040 (0xFF486700)
YUV	81.9890, -40.4206, -8.7604
Hunter-Lab	33.2839, -17.9029, 20.1960

Details

The Hex color **486700** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0067**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7C9A3A**, and **153800** is the 20% darker color. If you saturate the color by 10%, you get **486700**, and if you desaturate by 10%, it is **4B670A**.

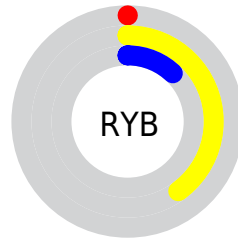
Distribution



Red (28%)

Green (40%)

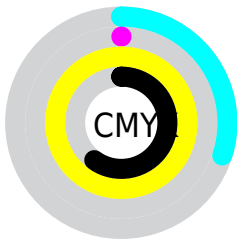
Blue (0%)



Red (0%)

Yellow (40%)

Blue (12%)

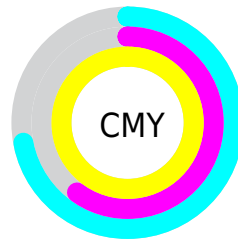


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486700 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 486700 by changing the saturation by 10% instead.

 486700

 486700

 FFFFF8

 2F4F00

 7C9A3A

 153800

 97B554

 002300

 B3D16E

 000000

 CFED88

 ECFFA3

 FFFFBF

 FFFFDB

 486700

 4B670A

 4E6715


 51671F

 546729

 586734

 5B673E

 5E6748

 616752

 64675D

Harmonies

Analogous

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



725B00



486700



006E2F

Triad

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



486700



006DA7



A72F61

Complementary

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



486700



1F0067

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.



8F3E8A



486700



0063B3

Square

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



486700



007186



5853A9



A63737

Rectangle

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



486700



00704C



5853A9



A2326F

Sweetspot

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



486700



7B875F



671F00



3D452C



C4C4C4



454545

Same Dimension

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



486700



5E8700



156700



31332E



507300



A9F200

Inverse Universe

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



1F0067



290087



520067



2F2E33



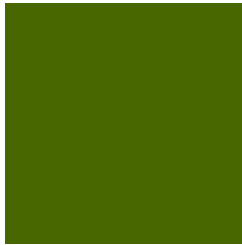
230073



4900F2

Previews

White Background



This preview shows how the Hex color 486700 looks on a white background.

Color Contrast Check

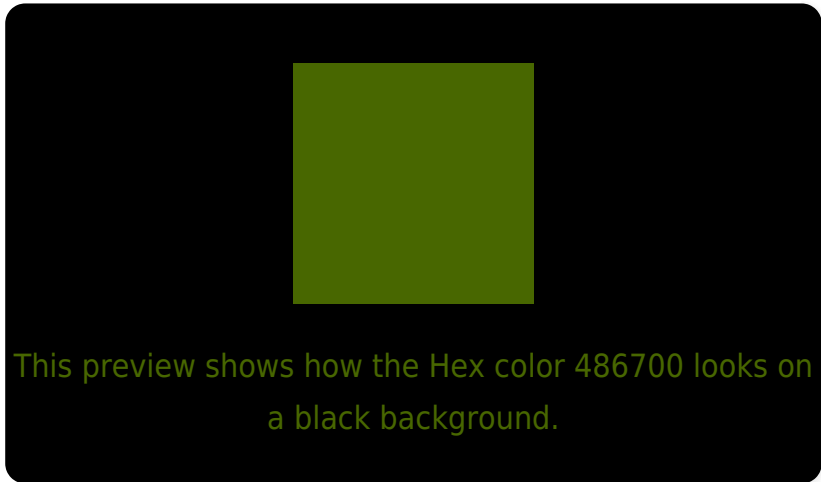
Large Text (above 18pt) WCAG AA ✓ Pass

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 486700 Background



This preview shows how black text looks on a background with the Hex color 486700.



This preview shows how white text looks on a background with the Hex color 486700.

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
486700

Protanopia
695E00

Deuteranopia
765914



Tritanopia
526067

Trichromacy



Original Color
486700

Protanomaly
5D6100

Deuteranomaly
655E0D

Tritanomaly
4E6342

Monochromacy



Original Color
486700

Achromatopsia
525252

Achromatomaly
4E5A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 486700 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 #486700 looks like.

```
.text, #text, p{  
    color:#486700  
}
```

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 #486700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486700
}
```

Border

The CSS property to change the border of an element to Hex 486700 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
#486700 }
```

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

```
.border{ border-color:#486700 }
```

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

Here you see how a box with a 4 pixel #486700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486700; -webkit-box-shadow:4px 4px  
4px 4px #486700; box-shadow:4px 4px 4px  
4px #486700 }
```

Background

The CSS property to change the background color of an element to Hex 486700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486700 }
```

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

```
.background{ background-color:#486700 }
```

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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