

Converting Colors

Hex(486900)

Have a look what the booklet for
Hex(486900) contains.

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Color

Hex(486900)

Conversions

Conversions Part 1

Format	Color
Hex	486900
RGB	72, 105, 0
RGB Percent	28%, 41%, 0%
CMY	0.7176, 0.5882, 1.0000
CMYK	0.31, 0.00, 1.00, 0.59
HSL	79°, 100%, 21%
HSV	79°, 100%, 41%
XYZ	7.7241, 11.4809, 1.8089
YIQ	83.1630, 14.0370, -39.6510

Conversions

Conversions Part 2

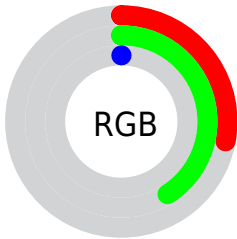
Format	Color
RYB	0, 105, 33
Decimal	4745472
CIELab	40.38, -26.44, 46.17
CIELCh	40, 53.206, 119.796
Yxy	11.4809, 0.3676, 0.5463
Android (android.graphics.Color)	4282935552 (0xFF486900)
YUV	83.1630, -40.9994, -9.7900
Hunter-Lab	33.8834, -18.6052, 20.5531

Details

The Hex color **486900** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **210069**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7C9C3B**, and **143900** is the 20% darker color. If you saturate the color by 10%, you get **486900**, and if you desaturate by 10%, it is **4B690A**.

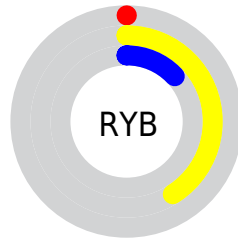
Distribution



Red (28%)

Green (41%)

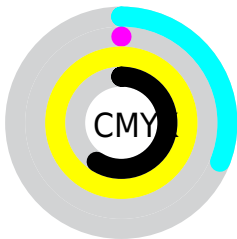
Blue (0%)



Red (0%)

Yellow (41%)

Blue (13%)

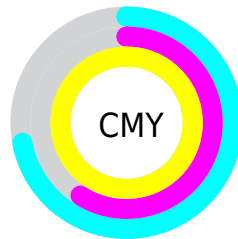


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 486900 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 486900 by changing the saturation by 10% instead.

 486900

 486900

 FFFFF9

 2F5100

 7C9C3B

 143900

 97B754

 002400

 B3D36E

 000300

 CFEF89

 000000

 ECFFA4

 FFFFBF

 FFFFDC

 486900

 4B690A

 4F6915

 526920

 55692A

 596935

 5C693F

 5F694A

 626954

 66695F

Harmonies

Analogous

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



735D00



486900



007030

Triad

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



486900



006FAA



AA3061

Complementary

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



486900



210069

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.



923E8C



486900



0065B7

Square

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



486900



007289



5B54AB



A93837

Rectangle

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



486900



00724E



5B54AB



A53270

Sweetspot

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



486900



7D8A60



692000



3D452C



C4C4C4



454545

Same Dimension

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



486900



5E8A00



156900



343630



507500



A8F500

Inverse Universe

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



210069



2B008A



540069



323036



250075



4D00F5

Previews

White Background



This preview shows how the Hex color 486900 looks on a white background.

Color Contrast Check

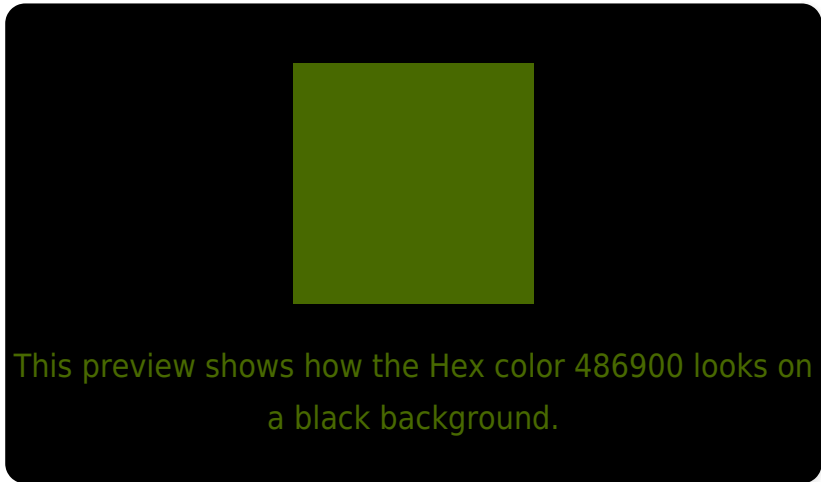
Large Text (above 18pt) WCAG AA ✓ Pass

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

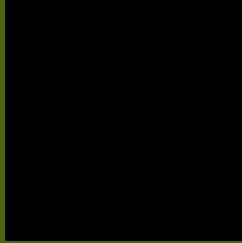
Any Text WCAG AA × Fail

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 486900 Background



This preview shows how black text looks on a background with the Hex color 486900.



This preview shows how white text looks on a background with the Hex color 486900.

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
486900

Protanopia
6B5F00

Deuteranopia
785A14



Tritanopia
526269

Trichromacy



Original Color
486900

Protanomaly
5E6300

Deuteranomaly
675F0D

Tritanomaly
4E6543

Monochromacy



Original Color
486900

Achromatopsia
535353

Achromatomaly
4F5B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 486900 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 #486900 looks like.

```
.text, #text, p{  
    color:#486900  
}
```

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 #486900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486900
}
```

Border

The CSS property to change the border of an element to Hex 486900 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
#486900 }
```

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

```
.border{ border-color:#486900 }
```

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

Here you see how a box with a 4 pixel #486900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486900; -webkit-box-shadow:4px 4px  
4px 4px #486900; box-shadow:4px 4px 4px  
4px #486900 }
```

Background

The CSS property to change the background color of an element to Hex 486900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486900 }
```

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

```
.background{ background-color:#486900 }
```

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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