

# Converting Colors

Hex(486F00)

Have a look what the booklet for  
Hex(486F00) contains.

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# Color

**Hex(486F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	486F00
RGB	72, 111, 0
RGB Percent	28%, 44%, 0%
CMY	0.7176, 0.5647, 1.0000
CMYK	0.35, 0.00, 1.00, 0.56
HSL	81°, 100%, 22%
HSV	81°, 100%, 44%
XYZ	8.3569, 12.7466, 2.0199
YIQ	86.6850, 12.3870, -42.7890

# Conversions

## Conversions Part 2

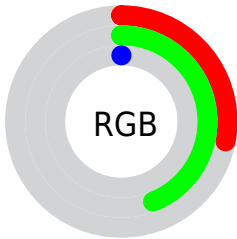
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 39
Decimal	4747008
CIELab	42.38, -29.30, 47.71
CIELCh	42, 55.987, 121.555
Yxy	12.7466, 0.3614, 0.5512
Android (android.graphics.Color)	4282937088 (0xFF486F00)
YUV	86.6850, -42.7357, -12.8787
Hunter-Lab	35.7024, -20.6973, 21.6373

# Details

The Hex color **486F00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **27006F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7DA33C**, and **133F00** is the 20% darker color. If you saturate the color by 10%, you get **486F00**, and if you desaturate by 10%, it is **4C6F0B**.

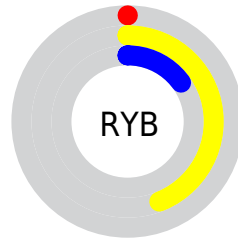
# Distribution



Red (28%)

Green (44%)

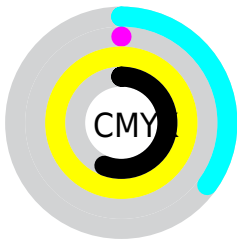
Blue (0%)



Red (0%)

Yellow (44%)

Blue (15%)

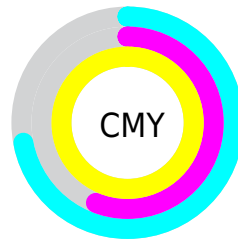


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486F00 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 486F00 by changing the saturation by 10% instead.



 486F00

 486F00

 FFFFFB

 2E5600

 7DA33C

 133F00

 98BE56

 002900

 B4DA70

 000F00

 D0F78B

 000000

 EDFFA6

 FFFFC2

 FFFFDE

 486F00

 4C6F0B

 506F16

 546F21

 586F2C

 5C6F38

 5F6F43

 636F4E

 676F59

 6B6F64

# Harmonies

## Analogous

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



776300



486F00



007635

# Triad

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



486F00



0074B5



B43164

# Complementary

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



486F00



27006F

# 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.



9D3F91



486F00



0069C1

# Square

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



486F00



007893



6457B3



B13B37

# Rectangle

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



486F00



007855



6457B3



AF3373



# Sweetspot

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



486F00



829166



6F2700



414A2F



C9C9C9



4A4A4A



# Same Dimension

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



486F00



5E9100



116F00



363832



4E7800



A0F700



# Inverse Universe

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



27006F



330091



5E006F



343238



2A0078



5700F7



# Previews

## White Background



This preview shows how the Hex color 486F00 looks on a white background.

## Color Contrast Check

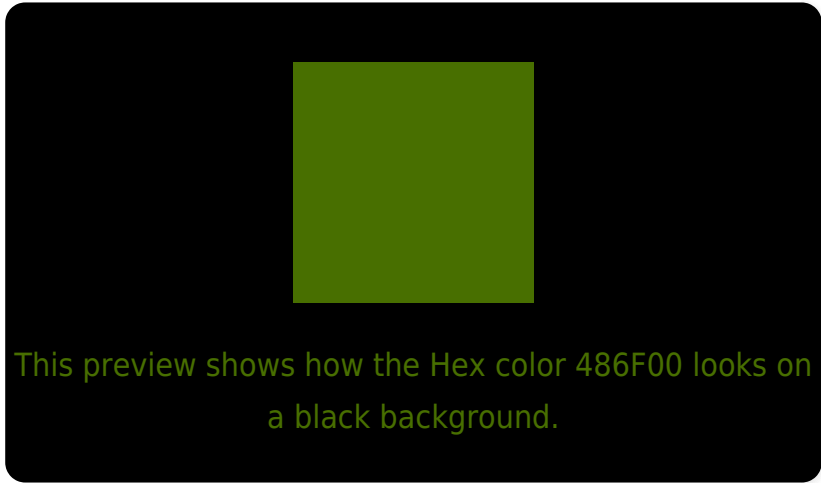
Large Text (above 18pt) WCAG AA ✓ Pass

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 486F00 Background



This preview shows how black text looks on a background with the Hex color 486F00.



This preview shows how white text looks on a background with the Hex color 486F00.

# 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](#).

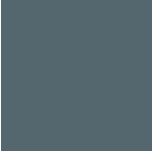
## Dichromacy



**Original Color**  
486F00

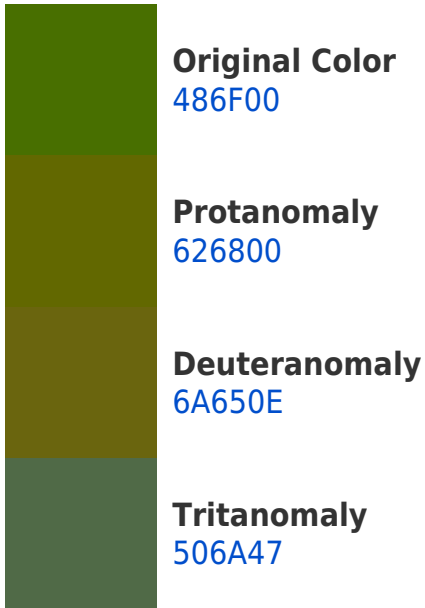
**Protanopia**  
716400

**Deuteranopia**  
7E5F16



**Tritanopia**  
54676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486F00 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 #486F00 looks like.

```
.text, #text, p{  
    color:#486F00  
}
```

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 #486F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486F00
}
```

## Border

The CSS property to change the border of an element to Hex 486F00 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
#486F00 }
```

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

```
.border{ border-color:#486F00 }
```

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

Here you see how a box with a 4 pixel #486F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486F00; -webkit-box-shadow:4px 4px  
4px 4px #486F00; box-shadow:4px 4px 4px  
4px #486F00 }
```

# Background

The CSS property to change the background color of an element to Hex 486F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486F00 }
```

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

```
.background{ background-color:#486F00 }
```

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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