

# Converting Colors

Hex(486408)

Have a look what the booklet for  
Hex(486408) contains.

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**Color**

**Hex(486408)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	486408
RGB	72, 100, 8
RGB Percent	28%, 39%, 3%
CMY	0.7176, 0.6078, 0.9686
CMYK	0.28, 0.00, 0.92, 0.61
HSL	78°, 85%, 21%
HSV	78°, 92%, 39%
XYZ	7.2735, 10.5096, 1.8749
YIQ	81.1400, 12.8440, -34.5480

# Conversions

## Conversions Part 2

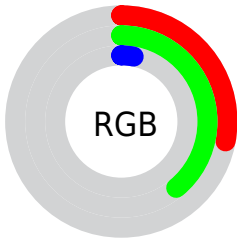
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 100, 36
Decimal	4744200
CIELab	38.74, -23.68, 42.74
CIELCh	39, 48.858, 118.989
Yxy	10.5096, 0.3700, 0.5346
Android (android.graphics.Color)	4282934280 (0xFF486408)
YUV	81.1400, -36.0580, -8.0158
Hunter-Lab	32.4185, -16.6837, 19.2639

# Details

The Hex color **486408** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **240864**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7C973E**, and **163500** is the 20% darker color. If you saturate the color by 10%, you get **466400**, and if you desaturate by 10%, it is **4B6412**.

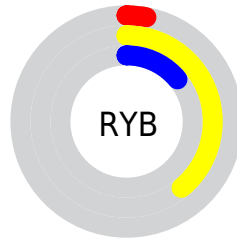
# Distribution



 Red (28%)

 Green (39%)

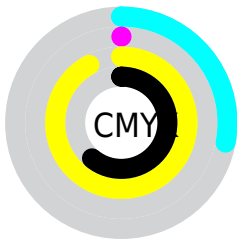
 Blue (3%)




 Red (3%)

 Yellow (39%)

 Blue (14%)

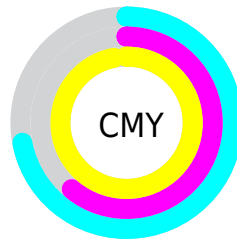


 Cyan (28%)

 Magenta (0%)

 Yellow (92%)

 Black (61%)



 Cyan (72%)

 Magenta (61%)

 Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 486408 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 486408 by changing the saturation by 10% instead.



 486408

 486408

 FFFFFB

 2F4C00

 7C973E

 163500

 97B257

 002100

 B2CD71

 000000

 CEEA8B

 EBFFA6

 FFFFC2

 FFFFDE

 486408

 486408

■ 466400

■ 4B6412

■ 4E641C

■ 516426

■ 546430

■ 57643A

■ 5A6444

■ 5D644E

■ 606458

■ 636462

# Harmonies

## Analogous

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



6F5900



486408



006A30

# Triad

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



486408



00699F



9F325E

# Complementary

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



486408



240864

# 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.



893E85



486408



0060AB

# Square

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



486408



006D81



5751A1



9F3837

# Rectangle

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



486408



006D4B



5751A1



9B346C



# Sweetspot

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



486408



77825E



642408



3B422C



C2C2C2



424242



# Same Dimension

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



486408



5A8200



1A6408



31332E



507300



A9F200



# Inverse Universe

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



240864



280082



520864



2F2E33



230073

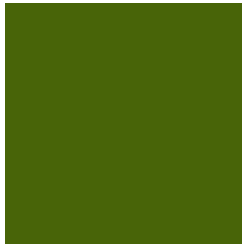


4A00F2



# Previews

## White Background



This preview shows how the Hex color 486408 looks on a white background.

## Color Contrast Check

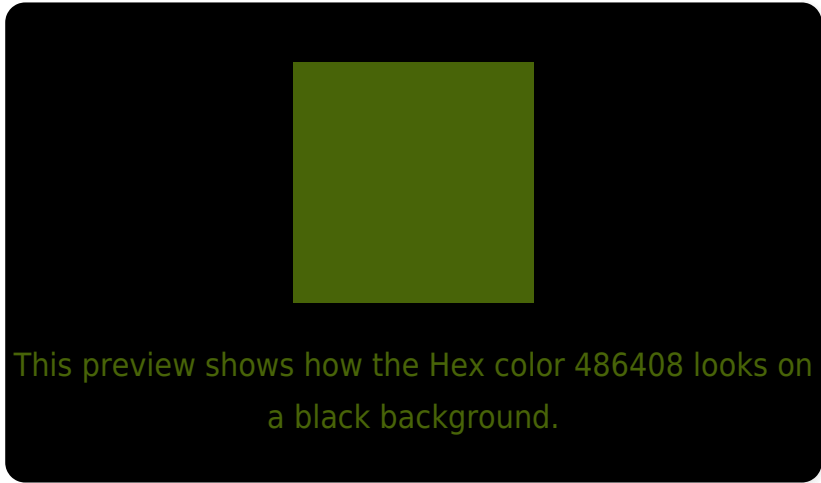
Large Text (above 18pt) WCAG AA ✓ Pass

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

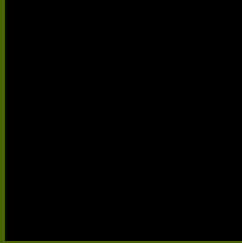
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 486408 Background



This preview shows how black text looks on a background with the Hex color 486408.



This preview shows how white text looks on a background with the Hex color 486408.

# 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**  
486408

**Protanopia**  
675B00

**Deuteranopia**  
735614



**Tritanopia**  
515D64

# Trichromacy



**Original Color**  
486408

**Protanomaly**  
5C5E03

**Deuteranomaly**  
635B10

**Tritanomaly**  
4E6043

# Monochromacy



**Original Color**  
486408

**Achromatopsia**  
515151

**Achromatomaly**  
4E5836

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 486408 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 #486408 looks like.

```
.text, #text, p{  
    color:#486408  
}
```

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 #486408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #486408
}
```

## Border

The CSS property to change the border of an element to Hex 486408 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
#486408 }
```

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

```
.border{ border-color:#486408 }
```

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

Here you see how a box with a 4 pixel #486408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #486408; -webkit-box-shadow:4px 4px  
4px 4px #486408; box-shadow:4px 4px 4px  
4px #486408 }
```

# Background

The CSS property to change the background color of an element to Hex 486408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#486408 }
```

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

```
.background{ background-color:#486408 }
```

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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