

# Converting Colors

Hex(484E03)

Have a look what the booklet for  
Hex(484E03) contains.

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**Color**

**Hex(484E03)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	484E03
RGB	72, 78, 3
RGB Percent	28%, 31%, 1%
CMY	0.7176, 0.6941, 0.9882
CMYK	0.08, 0.00, 0.96, 0.69
HSL	65°, 93%, 16%
HSV	65°, 96%, 31%
XYZ	5.4133, 6.8331, 1.1198
YIQ	67.6560, 20.4990, -24.5970

# Conversions

## Conversions Part 2

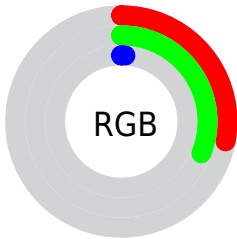
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 78, 9
Decimal	4738563
CIE Lab	31.42, -12.04, 38.27
CIE LCh	31, 40.122, 107.462
Yxy	6.8331, 0.4050, 0.5112
Android (android.graphics.Color)	4282928643 (0xFF484E03)
YUV	67.6560, -31.8754, 3.8097
Hunter-Lab	26.1401, -8.7800, 15.7583

# Details

The Hex color **484E03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **09034E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7B7F36**, and **182200** is the 20% darker color. If you saturate the color by 10%, you get **484E00**, and if you desaturate by 10%, it is **494E0B**.

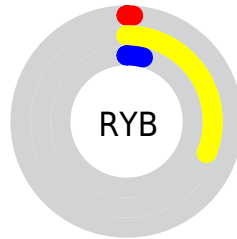
# Distribution



Red (28%)

Green (31%)

Blue (1%)



Red (1%)

Yellow (31%)

Blue (4%)

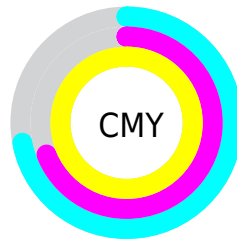


Cyan (8%)

Magenta (0%)

Yellow (96%)

Black (69%)



Cyan (72%)

Magenta (69%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 484E03 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 484E03 by changing the saturation by 10% instead.



 484E03

 484E03

 FFFFF0

 313700

 7B7F36

 182200

 96994F

 000A00

 B1B368

 000000

 CDCF82

 EAEB9C

 FFFFB7

 FFFFD3

 484E03

 484E03

■ 484E00

■ 494E0B

■ 494E13

■ 4A4E1A

■ 4A4E22

■ 4B4E2A

■ 4C4E32

■ 4C4E3A

■ 4D4E41

■ 4E4E49

# Harmonies

## Analogous

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



644404



484E03



22541C

# Triad

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



484E03



005778



7C2D58

# Complementary

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



484E03



09034E

# 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.



623975



484E03



005187

# Square

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



484E03



00595C



2E4786



822C39

# Rectangle

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



484E03



005731



2E4786



763063



# Sweetspot

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



484E03



646648



4E0803



323321



B3B3B3



333333



# Same Dimension

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



484E03



5E6600



234E03



262622



D3E600

# Inverse Universe

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



09034E



080066



2D034E



232226



1200E6

# Previews

## White Background



This preview shows how the Hex color 484E03 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

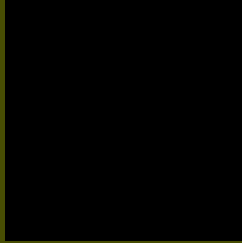
Any Text WCAG AA × Fail

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 484E03 Background



This preview shows how black text looks on a background with the Hex color 484E03.



This preview shows how white text looks on a background with the Hex color 484E03.

# 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**  
484E03

**Protanopia**  
544A00

**Deuteranopia**  
5D460D





**Tritanopia**  
4E484E

# Trichromacy



**Original Color**  
484E03

**Protanomaly**  
504B01

**Deuteranomaly**  
554909

**Tritanomaly**  
4C4A33

# Monochromacy



**Original Color**  
484E03

**Achromatopsia**  
444444

**Achromatomaly**  
45482C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 484E03 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 #484E03 looks like.

```
.text, #text, p{  
    color:#484E03  
}
```

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 #484E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #484E03
}
```

## Border

The CSS property to change the border of an element to Hex 484E03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

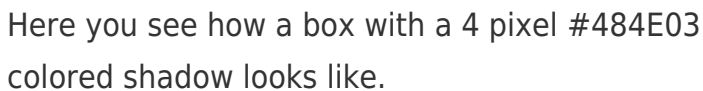
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#484E03 }
```

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

```
.border{ border-color:#484E03 }
```

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



Here you see how a box with a 4 pixel #484E03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #484E03; -webkit-box-shadow:4px 4px  
4px 4px #484E03; box-shadow:4px 4px 4px  
4px #484E03 }
```

# Background

The CSS property to change the background color of an element to Hex 484E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#484E03 }
```

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

```
.background{ background-color:#484E03 }
```

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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