

# Converting Colors

Hex(488E3C)

Have a look what the booklet for  
Hex(488E3C) contains.

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# Color

Hex(488E3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	488E3C
RGB	72, 142, 60
RGB Percent	28%, 56%, 24%
CMY	0.7176, 0.4431, 0.7647
CMYK	0.49, 0.00, 0.58, 0.44
HSL	111°, 41%, 40%
HSV	111°, 58%, 56%
XYZ	13.1611, 21.0500, 7.6444
YIQ	111.7220, -15.3980, -40.3420

# Conversions

## Conversions Part 2

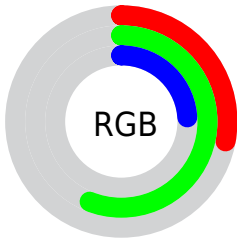
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 142, 130
Decimal	4755004
CIELab	53.00, -38.76, 36.47
CIElCh	53, 53.215, 136.744
Yxy	21.0500, 0.3144, 0.5029
Android (android.graphics.Color)	4282945084 (0xFF488E3C)
YUV	111.7220, -25.4989, -34.8362
Hunter-Lab	45.8802, -29.0863, 22.2375

# Details

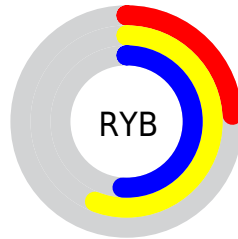
The Hex color **488E3C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **823C8E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7EC46E**, and **0A5B09** is the 20% darker color. If you saturate the color by 10%, you get **3C8E2E**, and if you desaturate by 10%, it is **548E4A**.

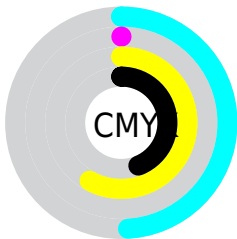
# Distribution



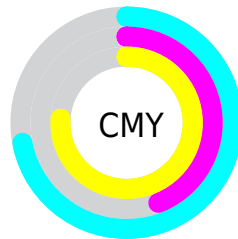
- Red (28%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (51%)



- Cyan (49%)
- Magenta (0%)
- Yellow (58%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488E3C 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 488E3C by changing the saturation by 10% instead.





488E3C



488E3C

FFFFFF



2C7424



7EC46E



0A5B09



99E188



004300



B5FDA3



002C00



D2FFBE



001200



EFFFDA



000000



FFFFFF7



488E3C



488E3C



3C8E2E



548E4A

 308E20

 608E58

 248E11

 6C8E67

 188E03

 788E75

 158E00

 858E83

 918E91

 9D8E9F

 A98EAE

 B58EBC

# Harmonies

## Analogous

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



7E841C



488E3C



009368

# Triad

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



488E3C



0089D8



D25467

# Complementary

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



488E3C



823C8E

# 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.



C75695



488E3C



587BD6

# Square

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



488E3C



0092C0



A167BE



C5633D

# Rectangle

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



488E3C



009488



A167BE



D15376



# Sweetspot

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



488E3C



9DB898



8E823C



4C5C49



DBDBDB



5C5C5C



# Same Dimension

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



488E3C



4BB839



3C8E59



414740



148700



010800



# Inverse Universe

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



823C8E



A539B8



8E3C71



464047



730087



070008



# Previews

## White Background



This preview shows how the Hex color 488E3C looks on a white background.

## Color Contrast Check

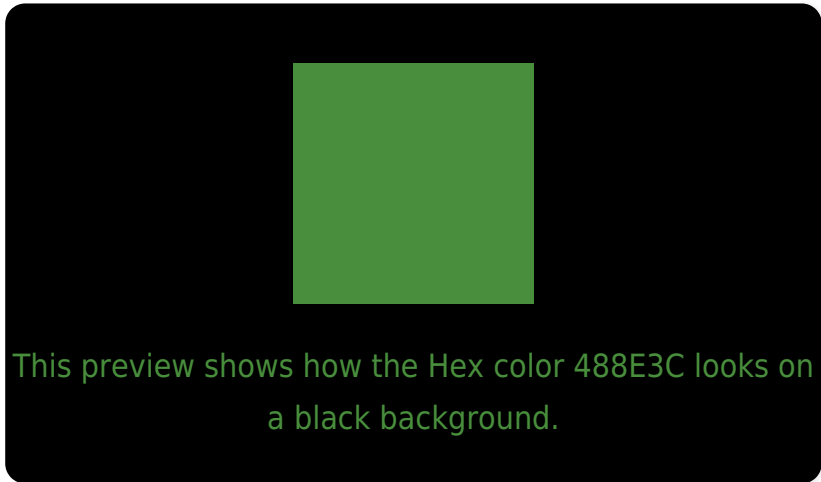
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 488E3C Background



This preview shows how black text looks on a background with the Hex color 488E3C.



This preview shows how white text looks on a background with the Hex color 488E3C.

# 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**  
488E3C

**Protanopia**  
8C7E37

**Deuteranopia**  
9A7842



**Tritanopia**  
598590

# Trichromacy



**Original Color**  
488E3C

**Protanomaly**  
738439

**Deuteranomaly**  
7C8040

**Tritanomaly**  
538871

# Monochromacy



**Original Color**  
488E3C

**Achromatopsia**  
707070

**Achromatomaly**  
617B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488E3C 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 #488E3C looks like.

```
.text, #text, p{  
    color:#488E3C  
}
```

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 #488E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488E3C
}
```

## Border

The CSS property to change the border of an element to Hex 488E3C 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
#488E3C }
```

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

```
.border{ border-color:#488E3C }
```

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

Here you see how a box with a 4 pixel #488E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488E3C; -webkit-box-shadow:4px 4px  
4px 4px #488E3C; box-shadow:4px 4px 4px  
4px #488E3C }
```

# Background

The CSS property to change the background color of an element to Hex 488E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488E3C }
```

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

```
.background{ background-color:#488E3C }
```

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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