

Converting Colors

Hex(488B48)

Have a look what the booklet for
Hex(488B48) contains.

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Color

Hex(488B48)

Conversions

Conversions Part 1

Format	Color
Hex	488B48
RGB	72, 139, 72
RGB Percent	28%, 55%, 28%
CMY	0.7176, 0.4549, 0.7176
CMYK	0.48, 0.00, 0.48, 0.45
HSL	120°, 32%, 41%
HSV	120°, 48%, 55%
XYZ	13.0748, 20.3108, 9.3622
YIQ	111.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

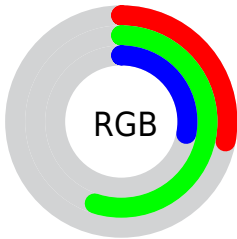
Format	Color
R_{YB}	72, 139, 139
Decimal	4754248
CIE _{Lab}	52.19, -35.80, 29.29
CIE _{LCh}	52, 46.255, 140.713
Yxy	20.3108, 0.3059, 0.4751
Android (android.graphics.Color)	4282944328 (0xFF488B48)
YUV	111.3290, -19.3892, -34.4915
Hunter-Lab	45.0675, -27.0825, 19.2306

Details

The Hex color **488B48** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B488B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7DC17A**, and **0E5819** is the 20% darker color. If you saturate the color by 10%, you get **3A8B3A**, and if you desaturate by 10%, it is **568B56**.

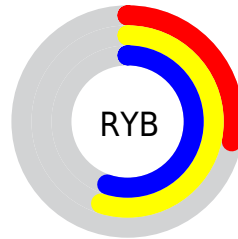
Distribution



Red (28%)

Green (55%)

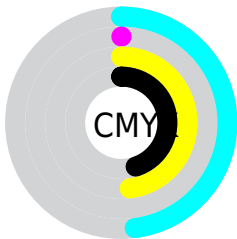
Blue (28%)



Red (28%)

Yellow (55%)

Blue (55%)

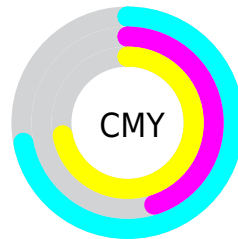


Cyan (48%)

Magenta (0%)

Yellow (48%)

Black (45%)



Cyan (72%)

Magenta (45%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488B48 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 488B48 by changing the saturation by 10% instead.



488B48



488B48

FFFFFF



2D7130



7DC17A



0E5819



98DD94



004001



B4FAAF



002A00



D0FFCA



000E00



EDFFE7



000000



488B48



488B48



3A8B3A



568B56



2C8B2C



648B64

 1E8B1E

 728B72

 108B10

 808B80

 028B02

 8E8B8E

 008B00

 9B8B9B

 A98BA9

 B78BB7

 C58BC5

Harmonies

Analogous

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



78832D



488B48



008F6E

Triad

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



488B48



0084CB



C65B63

Complementary

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



488B48



8B488B

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.



BF5B8B



488B48



6977C7

Square

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



488B48



008DB9



A167AF



B96740

Rectangle

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



488B48



00908A



A167AF



C65970

Sweetspot

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



488B48



9CB59C



8B8B48



4C5C4C



DBDBDB



5C5C5C

Same Dimension

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



488B48



4CB54C



488B6A



3E453E



008500



000500

Inverse Universe

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



8B488B



B54CB5



8B486A



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 488B48 looks on a white background.

Color Contrast Check

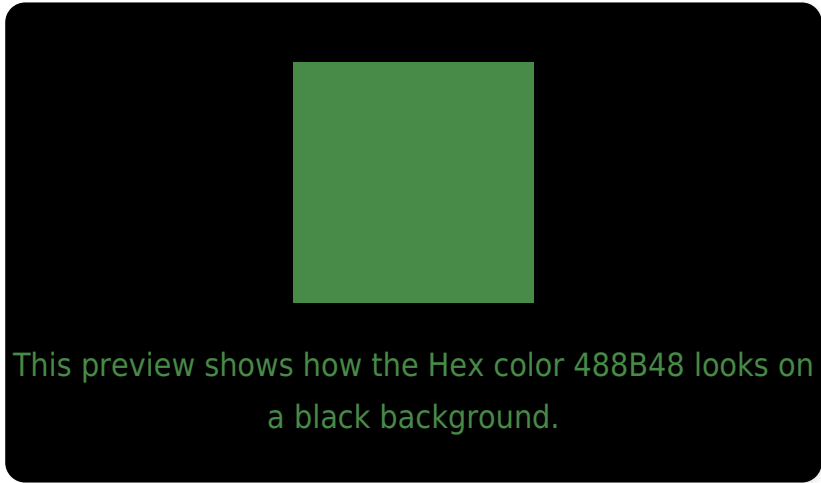
Large Text (above 18pt) WCAG AA ✓ Pass

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

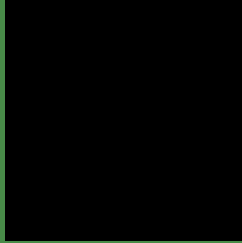
Any Text WCAG AA ✓ Pass

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 488B48 Background



This preview shows how black text looks on a background with the Hex color 488B48.

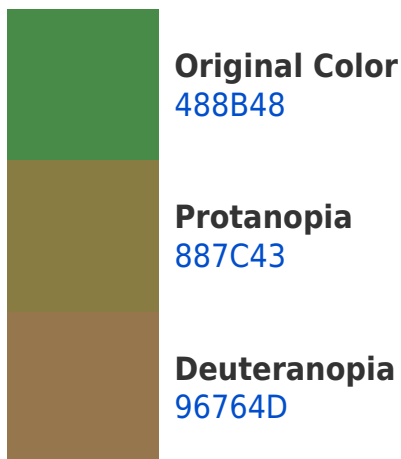


This preview shows how white text looks on a background with the Hex color 488B48.

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](#).

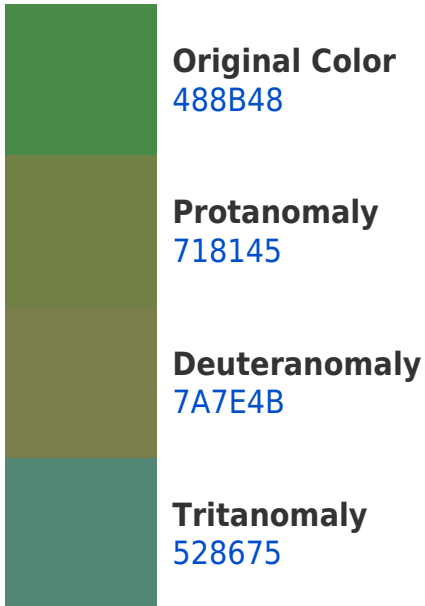
Dichromacy



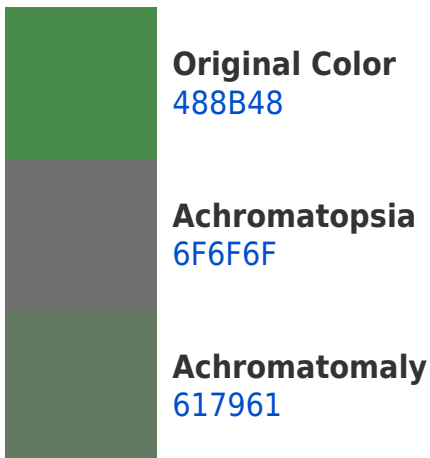


Tritanopia
57838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 488B48 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 #488B48 looks like.

```
.text, #text, p{  
    color:#488B48  
}
```

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 #488B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488B48  
}
```

Border

The CSS property to change the border of an element to Hex 488B48 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  
#488B48 }
```

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

```
.border{ border-color:#488B48 }
```

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

Here you see how a box with a 4 pixel #488B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488B48; -webkit-box-shadow:4px 4px  
4px 4px #488B48; box-shadow:4px 4px 4px  
4px #488B48 }
```

Background

The CSS property to change the background color of an element to Hex 488B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488B48 }
```

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

```
.background{ background-color:#488B48 }
```

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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