

Converting Colors

Hex(488B61)

Have a look what the booklet for
Hex(488B61) contains.

Hex(488B61)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(488B61)

Conversions

Conversions Part 1

Format	Color
Hex	488B61
RGB	72, 139, 97
RGB Percent	28%, 55%, 38%
CMY	0.7176, 0.4549, 0.6196
CMYK	0.48, 0.00, 0.30, 0.45
HSL	142°, 32%, 41%
HSV	142°, 48%, 55%
XYZ	14.0628, 20.7060, 14.5647
YIQ	114.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

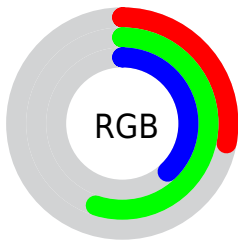
Format	Color
RYB	72, 121, 139
Decimal	4754273
CIELab	52.63, -31.35, 16.04
CIElCh	53, 35.214, 152.909
Yxy	20.7060, 0.2851, 0.4197
Android (android.graphics.Color)	4282944353 (0xFF488B61)
YUV	114.1790, -8.4692, -36.9910
Hunter-Lab	45.5039, -24.4671, 12.8754

Details

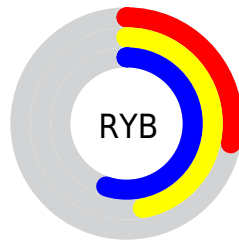
The Hex color **488B61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4872**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7CC194**, and **105832** is the 20% darker color. If you saturate the color by 10%, you get **3A8B58**, and if you desaturate by 10%, it is **568B6A**.

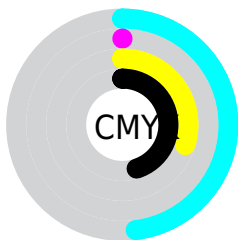
Distribution



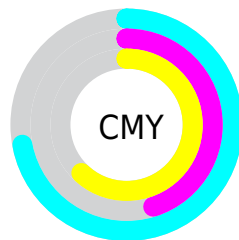
- Red (28%)
- Green (55%)
- Blue (38%)



- Red (28%)
- Yellow (47%)
- Blue (55%)



- Cyan (48%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 488B61 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 488B61 by changing the saturation by 10% instead.



488B61



488B61

FFFFFF



2E7149



7CC194



105832



97DDAF



00401D



B3FACA



002A05



CFFFE6



001100



ECFFFF



000000



488B61



488B61



3A8B58



568B6A



2C8B50



648B72

■ 1E8B47

■ 728B7B

■ 108B3E

■ 808B84

■ 028B35

■ 8E8B8D

■ 008B34

■ 9B8B95

■ A98B9E

■ B78BA7

■ C58BAF

Harmonies

Analogous

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



6E8549



488B61



018D80

Triad

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



488B61



5380BA



B5695E

Complementary

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



488B61



8B4872

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.



B6657C



488B61



8475B0

Square

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



488B61



0088B3



A66A9A



A77248

Rectangle

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



488B61



008D94



A66A9A



B76768

Sweetspot

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



488B61



9CB5A5



728B48



4C5C52



DBDBDB



5C5C5C

Same Dimension

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



488B61



4CB573



488B82



3E4541



008531



000502

Inverse Universe

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



8B4872



B54C8E



8B4851



453E42



850053



050003

Previews

White Background



This preview shows how the Hex color 488B61 looks on a white background.

Color Contrast Check

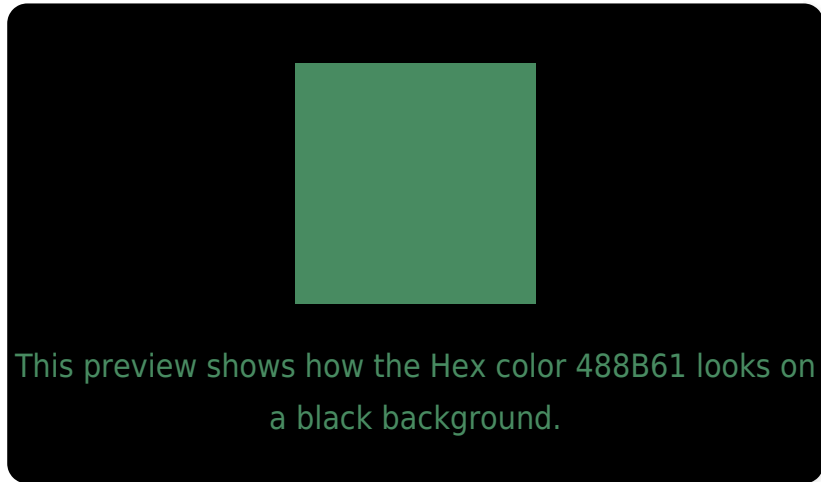
Large Text (above 18pt) WCAG AA ✓ Pass

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

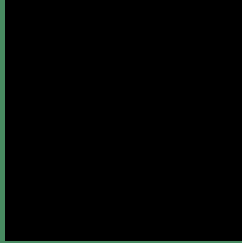
Any Text WCAG AA ✓ Pass

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 488B61 Background



This preview shows how black text looks on a background with the Hex color 488B61.

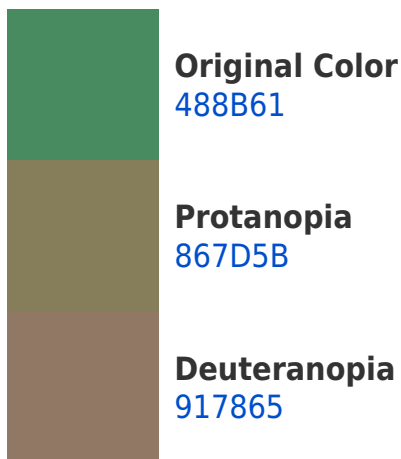


This preview shows how white text looks on a background with the Hex color 488B61.

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



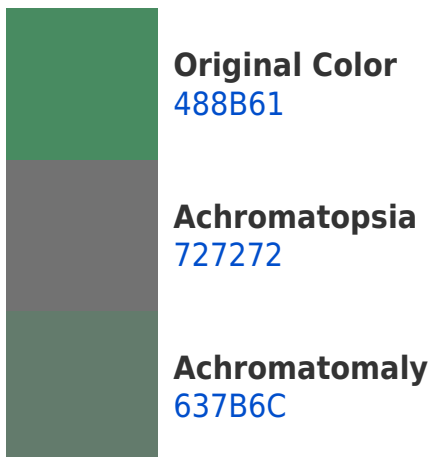


Tritanopia
548590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 488B61 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 #488B61 looks like.

```
.text, #text, p{  
    color:#488B61  
}
```

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 #488B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488B61  
}
```

Border

The CSS property to change the border of an element to Hex 488B61 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  
#488B61 }
```

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

```
.border{ border-color:#488B61 }
```

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

Here you see how a box with a 4 pixel #488B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488B61; -webkit-box-shadow:4px 4px  
4px 4px #488B61; box-shadow:4px 4px 4px  
4px #488B61 }
```

Background

The CSS property to change the background color of an element to Hex 488B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488B61 }
```

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

```
.background{ background-color:#488B61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor