

# Converting Colors

Hex(488862)

Have a look what the booklet for  
Hex(488862) contains.

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# Color

Hex(488862)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 488862                       |
| RGB         | 72, 136, 98                  |
| RGB Percent | 28%, 53%, 38%                |
| CMY         | 0.7176, 0.4667, 0.6157       |
| CMYK        | 0.47, 0.00, 0.28, 0.47       |
| HSL         | 144°, 31%, 41%               |
| HSV         | 144°, 47%, 53%               |
| XYZ         | 13.6813, 19.8679, 14.6691    |
| YIQ         | 112.5320, -25.9460, -25.3860 |

# Conversions

## Conversions Part 2

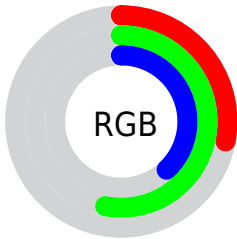
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 72, 118, 136                   |
| Decimal                             | 4753506                        |
| CIELab                              | 51.69, -29.72, 14.17           |
| CIELCh                              | 52, 32.925, 154.501            |
| Yxy                                 | 19.8679, 0.2837,<br>0.4120     |
| Android<br>(android.graphics.Color) | 4282943586<br>(0xFF488862)     |
| YUV                                 | 112.5320, -7.1643,<br>-35.5466 |
| Hunter-Lab                          | 44.5734, -23.2151,<br>11.6891  |

# Details

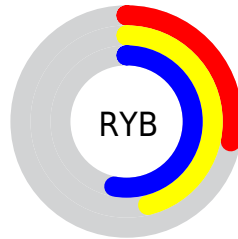
The Hex color **488862** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88486E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7CBE95**, and **115633** is the 20% darker color. If you saturate the color by 10%, you get **3A885A**, and if you desaturate by 10%, it is **56886A**.

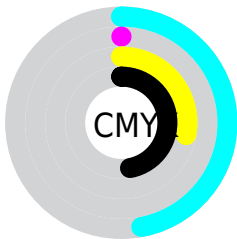
# Distribution



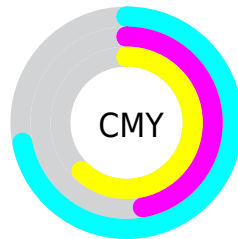
- Red (28%)
- Green (53%)
- Blue (38%)



- Red (28%)
- Yellow (46%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488862 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 488862 by changing the saturation by 10% instead.



 488862

 488862

FFFFFF

 2E6E4A

 7CBE95

 115633

 97DAB0

 003E1E

 B3F6CB

 002806

 CFFFE7

 000B00

 EBFFFF

 000000

 488862

 488862

 3A885A

 56886A

 2D8852

 638872

■ 1F884A

■ 71887A

■ 128842

■ 7E8882

■ 04883A

■ 8C888A

■ 008837

■ 9A8892

■ A7889B

■ B588A3

■ C288AB

# Harmonies

## Analogous

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



6B834C



488862



148A7F

# Triad

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



488862



577DB3



AF685D

# Complementary

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



488862



88486E

# 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.



B06578



488862



8472AA

# Square

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



488862



1785AD



A26994



A17149

# Rectangle

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



488862



008A92



A26994



B16665



# Sweetspot

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



488862



97B0A1



6E8848



4A5950



D9D9D9



595959



# Same Dimension

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



488862



4DB075



488882



3E4541



008536



000502



# Inverse Universe

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



88486E



B04D88



88484E



453E42



85004F



050003



# Previews

## White Background



This preview shows how the Hex color 488862 looks on a white background.

## Color Contrast Check

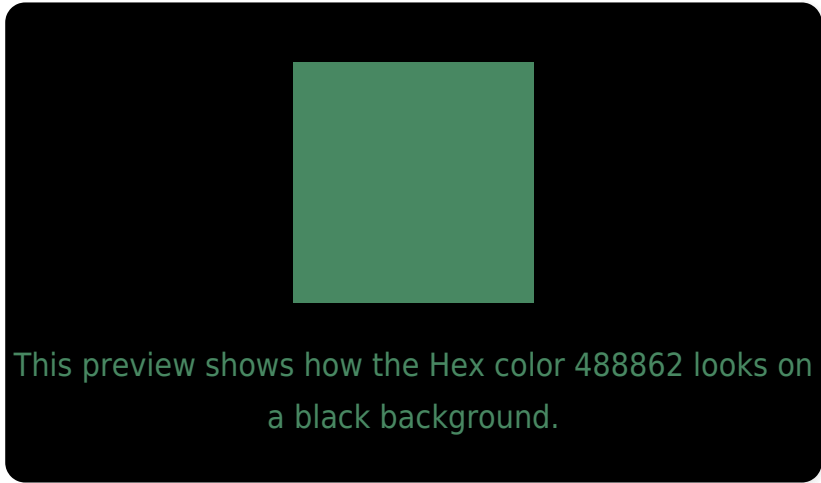
Large Text (above 18pt) WCAG AA ✓ Pass

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

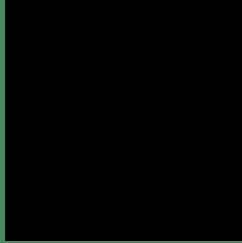
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488862 Background



This preview shows how black text looks on a background with the Hex color 488862.

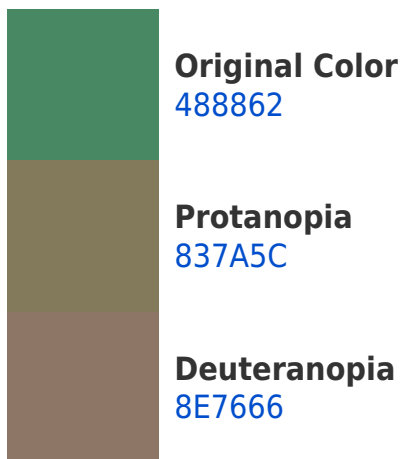



This preview shows how white text looks on a background with the Hex color 488862.

# 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**  
53828D

# Trichromacy



**Original Color**  
488862

**Protanomaly**  
6E7F5E

**Deuteranomaly**  
757D65

**Tritanomaly**  
4F847D

# Monochromacy



**Original Color**  
488862

**Achromatopsia**  
717171

**Achromatomaly**  
62796C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488862 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 #488862 looks like.

```
.text, #text, p{  
    color:#488862  
}
```

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 #488862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488862
}
```

## Border

The CSS property to change the border of an element to Hex 488862 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
#488862 }
```

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

```
.border{ border-color:#488862 }
```

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

Here you see how a box with a 4 pixel #488862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488862; -webkit-box-shadow:4px 4px  
4px 4px #488862; box-shadow:4px 4px 4px  
4px #488862 }
```

# Background

The CSS property to change the background color of an element to Hex 488862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488862 }
```

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

```
.background{ background-color:#488862 }
```

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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