

# Converting Colors

Hex(488262)

Have a look what the booklet for  
Hex(488262) contains.

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# Color

Hex(488262)

# Conversions

## Conversions Part 1

Format	Color
Hex	488262
RGB	72, 130, 98
RGB Percent	28%, 51%, 38%
CMY	0.7176, 0.4902, 0.6157
CMYK	0.45, 0.00, 0.25, 0.49
HSL	147°, 29%, 40%
HSV	147°, 45%, 51%
XYZ	12.8597, 18.2248, 14.3952
YIQ	109.0100, -24.2960, -22.2480

# Conversions

## Conversions Part 2

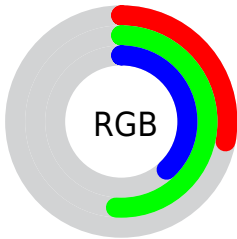
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 112, 130
Decimal	4751970
CIE <sub>Lab</sub>	49.77, -26.80, 11.51
CIE <sub>LCh</sub>	50, 29.162, 156.761
Yxy	18.2248, 0.2828, 0.4007
Android (android.graphics.Color)	4282942050 (0xFF488262)
YUV	109.0100, -5.4279, -32.4578
Hunter-Lab	42.6905, -20.9387, 9.8908

# Details

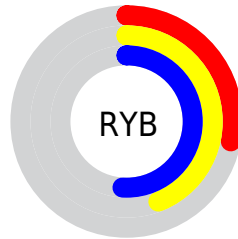
The Hex color **488262** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **824868**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CB795**, and **145033** is the 20% darker color. If you saturate the color by 10%, you get **3B825B**, and if you desaturate by 10%, it is **558269**.

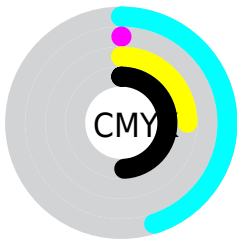
# Distribution



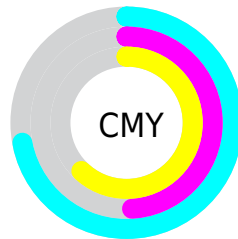
- Red (28%)
- Green (51%)
- Blue (38%)



- Red (28%)
- Yellow (44%)
- Blue (51%)



- Cyan (45%)
- Magenta (0%)
- Yellow (25%)
- Black (49%)



- Cyan (72%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488262 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 488262 by changing the saturation by 10% instead.





488262



488262

FFFFFF



2F694A



7CB795



145033



96D3AF



00391E



B2F0CB



002306



CEFFE7



000000



EAEFFF



488262



488262



3B825B



558269



2E8254



628270

■ 21824C

■ 6F8278

■ 148245

■ 7C827F

■ 07823E

■ 898286

■ 00823A

■ 96828D

■ A38294

■ B0829B

■ BD82A3

# Harmonies

## Analogous

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



667E4E



488262



24847B

# Triad

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



488262



5C77A7



A4665A

# Complementary

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



488262



824868

# 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.



A66372



488262



816E9E

# Square

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



488262



2F7EA3



9A668A



976E49

# Rectangle

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



488262



09838C



9A668A



A66561



# Sweetspot

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



488262



92A89C



698248



47544D



D4D4D4



545454



# Same Dimension

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



488262



4DA876



48827E



39403C



008039



000000



# Inverse Universe

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



824868



A84D80



82484C



40393D



800046



000000



# Previews

## White Background



This preview shows how the Hex color 488262 looks on a white background.

## Color Contrast Check

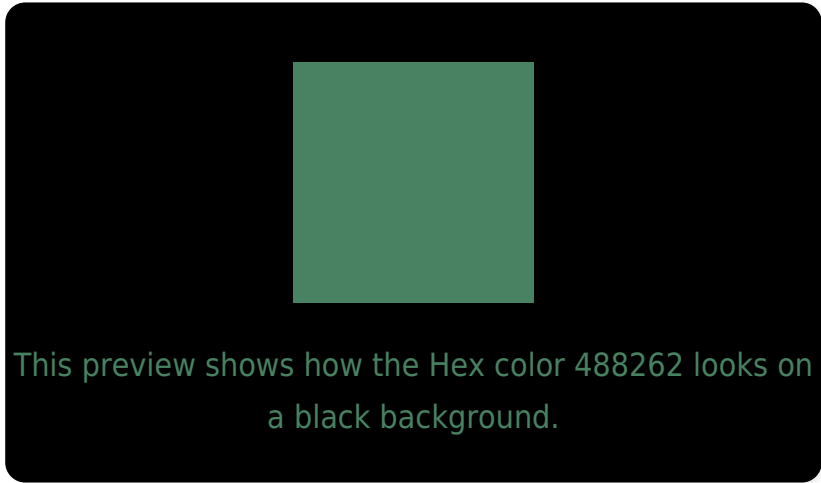
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

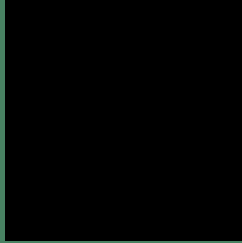
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488262 Background



This preview shows how black text looks on a background with the Hex color 488262.

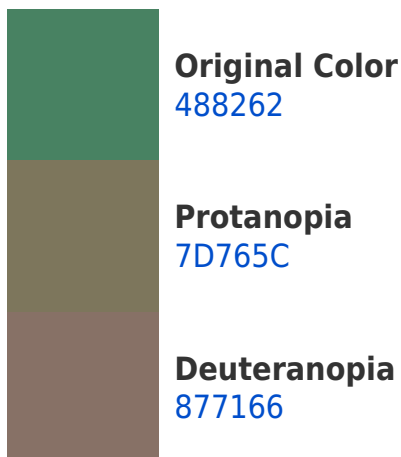


This preview shows how white text looks on a background with the Hex color 488262.

# 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**  
517D87

# Trichromacy



**Original Color**  
488262

**Protanomaly**  
6A7A5E

**Deuteranomaly**  
707765

**Tritanomaly**  
4E7F7A

# Monochromacy



**Original Color**  
488262

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
607569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488262 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 #488262 looks like.

```
.text, #text, p{  
    color:#488262  
}
```

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 #488262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488262  
}
```

## Border

The CSS property to change the border of an element to Hex 488262 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".

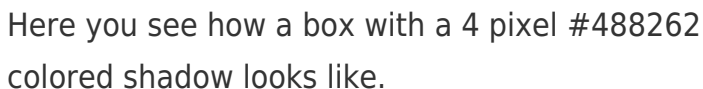
```
.border, #border, table{ border:4px solid  
#488262 }
```

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

```
.border{ border-color:#488262 }
```

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

Here you see how a box with a 4 pixel #488262 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488262; -webkit-box-shadow:4px 4px  
4px 4px #488262; box-shadow:4px 4px 4px  
4px #488262 }
```

# Background

The CSS property to change the background color of an element to Hex 488262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488262 }
```

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

```
.background{ background-color:#488262 }
```

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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