

# Converting Colors

Hex(488663)

Have a look what the booklet for  
Hex(488663) contains.

<b>Hex(488663)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(488663)

# Conversions

## Conversions Part 1

Format	Color
Hex	488663
RGB	72, 134, 99
RGB Percent	28%, 53%, 39%
CMY	0.7176, 0.4745, 0.6118
CMYK	0.46, 0.00, 0.26, 0.47
HSL	146°, 30%, 40%
HSV	146°, 46%, 53%
XYZ	13.4497, 19.3288, 14.8263
YIQ	111.4720, -25.7170, -24.0290

# Conversions

## Conversions Part 2

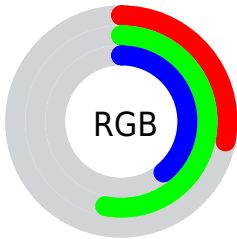
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 115, 134</a>
Decimal	<a href="#">4752995</a>
CIELab	<a href="#">51.07, -28.54, 12.74</a>
CIElCh	<a href="#">51, 31.257, 155.939</a>
Yxy	<a href="#">19.3288, 0.2825, 0.4060</a>
Android (android.graphics.Color)	<a href="#">4282943075 (0xFF488663)</a>
YUV	<a href="#">111.4720, -6.1487, -34.6169</a>
Hunter-Lab	<a href="#">43.9645, -22.3307, 10.7805</a>

# Details

The Hex color **488663** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **86486B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CBC96**, and **125434** is the 20% darker color. If you saturate the color by 10%, you get **3B865B**, and if you desaturate by 10%, it is **55866B**.

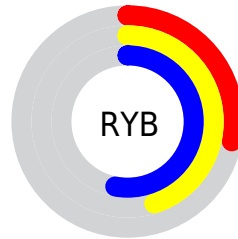
# Distribution



Red (28%)

Green (53%)

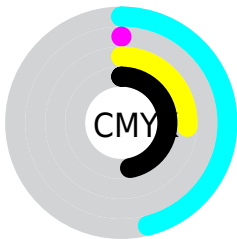
Blue (39%)



Red (28%)

Yellow (45%)

Blue (53%)

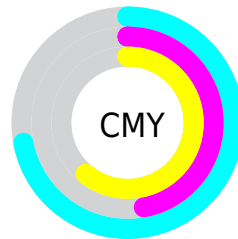


Cyan (46%)

Magenta (0%)

Yellow (26%)

Black (47%)



Cyan (72%)

Magenta (47%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488663 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 488663 by changing the saturation by 10% instead.



 488663

 488663

FFFFFF

 2E6C4B

 7CBC96

 125434

 97D8B1

 003C1F

 B2F4CC

 002608

 CEFFE8

 000700

 EBFFFF

 000000

 488663

 488663

 3B865B

 55866B

 2D8654

 638672

 20864C

 70867A

 128645

 7E8681

 05863D

 8B8689

 00863A

 988690

 A68698

 B386A0

 C186A7

# Harmonies

## Analogous

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



69814D



488663



1D887E

# Triad

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



488663



5B7BAE



AB685C

# Complementary

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



488663



86486B

# 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.



AD6475



488663



8471A5

# Square

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



488663



2682AA



9F6890



9D7149

# Rectangle

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



488663



008790



9F6890



AD6664



# Sweetspot

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



488663



95ADA0



6B8648



48574E



D6D6D6



575757



# Same Dimension

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



488663



4CAD77



488682



3C423F



008239



000301



# Inverse Universe

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



86486B



AD4C83



86484C



423C3F



820049



030001



# Previews

## White Background



This preview shows how the Hex color 488663 looks on a white background.

## Color Contrast Check

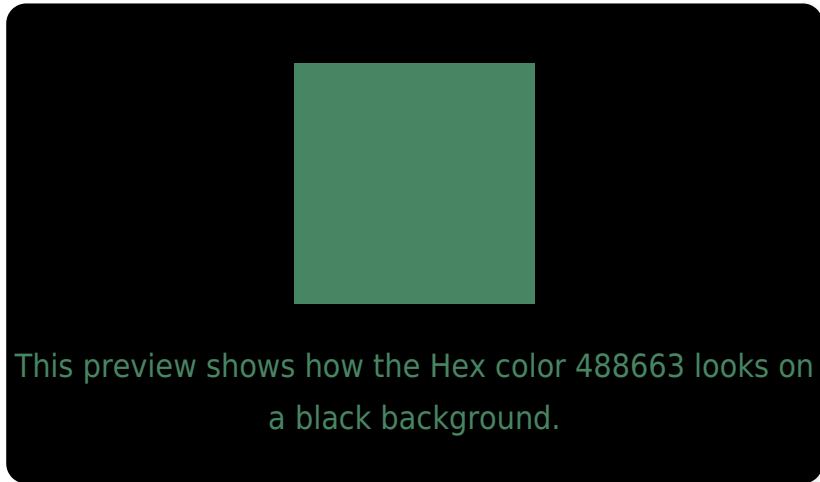
Large Text (above 18pt) WCAG AA ✓ Pass

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

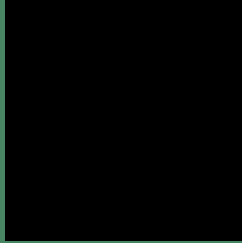
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488663 Background



This preview shows how black text looks on a background with the Hex color 488663.

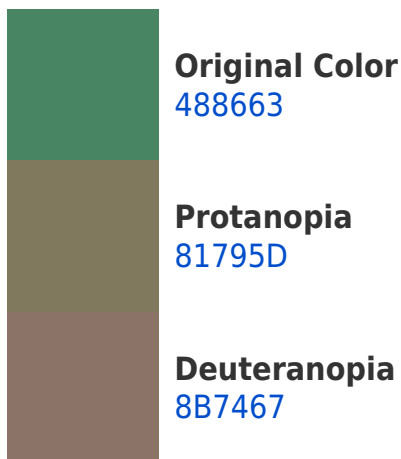


This preview shows how white text looks on a background with the Hex color 488663.

# 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**  
52818B

# Trichromacy



**Original Color**  
488663

**Protanomaly**  
6C7E5F

**Deuteranomaly**  
737B66

**Tritanomaly**  
4E837C

# Monochromacy



**Original Color**  
488663

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
61776B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488663 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 #488663 looks like.

```
.text, #text, p{  
    color:#488663  
}
```

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 #488663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488663
}
```

## Border

The CSS property to change the border of an element to Hex 488663 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
#488663 }
```

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

```
.border{ border-color:#488663 }
```

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

Here you see how a box with a 4 pixel #488663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488663; -webkit-box-shadow:4px 4px  
4px 4px #488663; box-shadow:4px 4px 4px  
4px #488663 }
```

# Background

The CSS property to change the background color of an element to Hex 488663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488663 }
```

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

```
.background{ background-color:#488663 }
```

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