

# Converting Colors

Hex(488476)

Have a look what the booklet for  
Hex(488476) contains.

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# Color

Hex(488476)

# Conversions

## Conversions Part 1

Format	Color
Hex	488476
RGB	72, 132, 118
RGB Percent	28%, 52%, 46%
CMY	0.7176, 0.4824, 0.5373
CMYK	0.45, 0.00, 0.11, 0.48
HSL	166°, 29%, 40%
HSV	166°, 45%, 52%
XYZ	14.1938, 19.1883, 20.0952
YIQ	112.4640, -31.2660, -17.0740

# Conversions

## Conversions Part 2

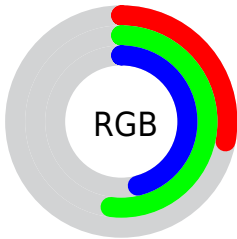
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 106, 132
Decimal	4752502
CIELab	50.91, -23.12, 1.49
CIElCh	51, 23.168, 176.320
Yxy	19.1883, 0.2654, 0.3588
Android (android.graphics.Color)	4282942582 (0xFF488476)
YUV	112.4640, 2.7292, -35.4869
Hunter-Lab	43.8044, -18.8190, 3.4639

# Details

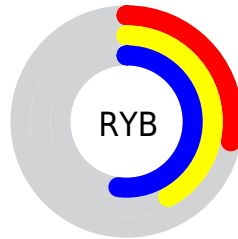
The Hex color **488476** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **844856**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CB9AA**, and **125246** is the 20% darker color. If you saturate the color by 10%, you get **3B8473**, and if you desaturate by 10%, it is **558479**.

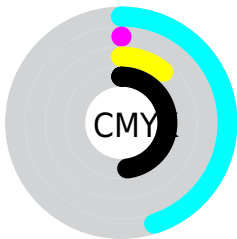
# Distribution



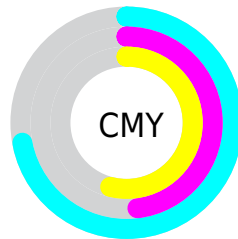
- Red (28%)
- Green (52%)
- Blue (46%)



- Red (28%)
- Yellow (42%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488476 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 488476 by changing the saturation by 10% instead.





488476



488476

FFFFFF



2E6B5D



7CB9AA



125246



97D5C5



003B30



B2F2E1



00251B



CFFFFE



000600



EBFFFF



000000



488476



488476



3B8473



558479



2E8470



62847C

■ 20846D

■ 70847F

■ 13846A

■ 7D8482

■ 068467

■ 8A8485

■ 008465

■ 978488

■ A4848C

■ B2848F

■ BF8492

# Harmonies

## Analogous

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



5E8263



488476



3A848A

# Triad

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



488476



79759D



997059

# Complementary

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



488476



844856

# 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.



A16C69



488476



906E8F

# Square

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



488476



5C7CA0



9E6B7C



897752

# Rectangle

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



488476



3D8295



9E6B7C



9D6F5E



# Sweetspot

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



488476



93ABA5



568448



485753



D6D6D6



575757



# Same Dimension

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



488476



4DAB95



487484



3C4241



008264



000302



# Inverse Universe

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



844856



AB4D63



845848



423C3D



82001E



030001



# Previews

## White Background



This preview shows how the Hex color 488476 looks on a white background.

## Color Contrast Check

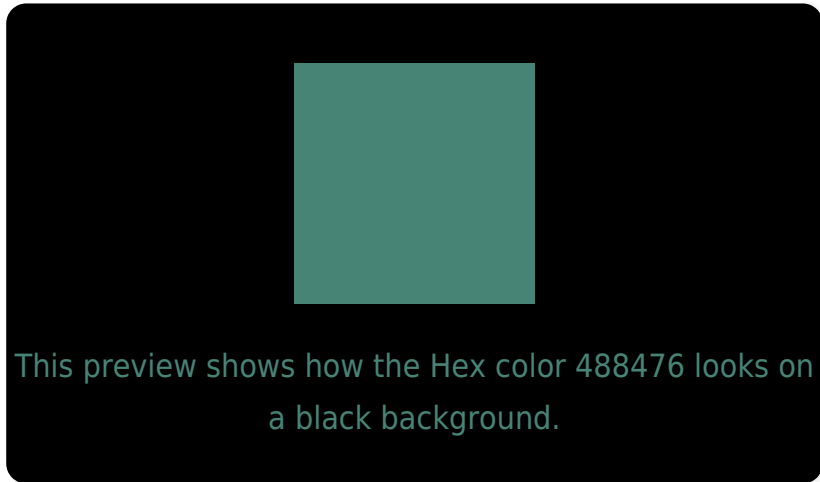
Large Text (above 18pt) WCAG AA ✓ Pass

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

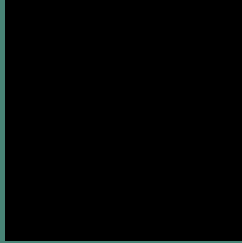
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

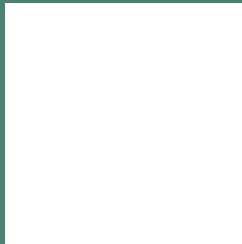
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 488476 Background



This preview shows how black text looks on a background with the Hex color 488476.

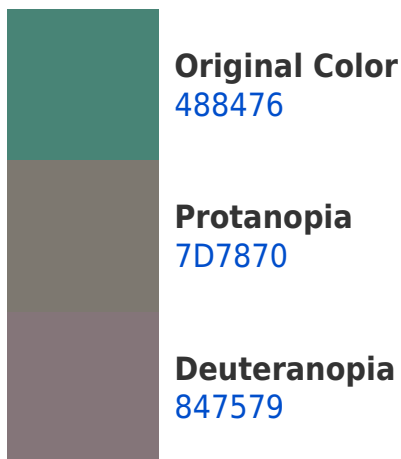


This preview shows how white text looks on a background with the Hex color 488476.

# 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**  
4E818B

# Trichromacy



**Original Color**  
488476

**Protanomaly**  
6A7C72

**Deuteranomaly**  
6E7A78

**Tritanomaly**  
4C8283

# Monochromacy



**Original Color**  
488476

**Achromatopsia**  
707070

**Achromatomaly**  
617772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488476 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 #488476 looks like.

```
.text, #text, p{  
    color:#488476  
}
```

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 #488476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488476
}
```

## Border

The CSS property to change the border of an element to Hex 488476 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
#488476 }
```

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

```
.border{ border-color:#488476 }
```

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

Here you see how a box with a 4 pixel #488476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488476; -webkit-box-shadow:4px 4px  
4px 4px #488476; box-shadow:4px 4px 4px  
4px #488476 }
```

# Background

The CSS property to change the background color of an element to Hex 488476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488476 }
```

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

```
.background{ background-color:#488476 }
```

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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