

# Converting Colors

Hex(488376)

Have a look what the booklet for  
Hex(488376) contains.

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# Color

Hex(488376)

# Conversions

## Conversions Part 1

Format	Color
Hex	488376
RGB	72, 131, 118
RGB Percent	28%, 51%, 46%
CMY	0.7176, 0.4863, 0.5373
CMYK	0.45, 0.00, 0.10, 0.49
HSL	167°, 29%, 40%
HSV	167°, 45%, 51%
XYZ	14.0588, 18.9183, 20.0502
YIQ	111.8770, -30.9910, -16.5510

# Conversions

## Conversions Part 2

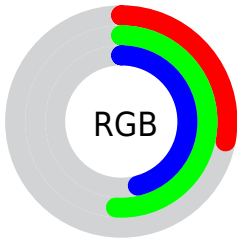
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 105, 131
Decimal	4752246
CIE <sub>Lab</sub>	50.59, -22.60, 1.03
CIE <sub>LCh</sub>	51, 22.628, 177.395
Yxy	18.9183, 0.2651, 0.3568
Android (android.graphics.Color)	4282942326 (0xFF488376)
YUV	111.8770, 3.0186, -34.9721
Hunter-Lab	43.4952, -18.4207, 3.1155

# Details

The Hex color **488376** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **834855**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7CB8AA**, and **125146** is the 20% darker color. If you saturate the color by 10%, you get **3B8373**, and if you desaturate by 10%, it is **558379**.

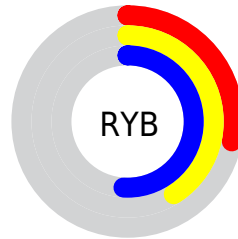
# Distribution



Red (28%)

Green (51%)

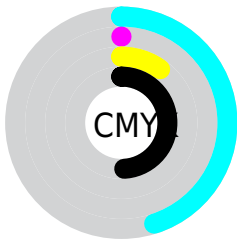
Blue (46%)



Red (28%)

Yellow (41%)

Blue (51%)

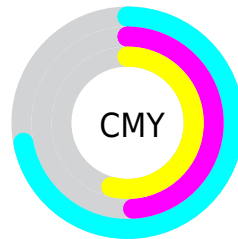


Cyan (45%)

Magenta (0%)

Yellow (10%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 488376 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 488376 by changing the saturation by 10% instead.



■ 488376

■ 488376

FFFFFF

■ 2E6A5D

■ 7CB8AA

■ 125146

■ 97D4C5

■ 003A30

■ B2F1E1

■ 00241B

■ CEFFFE

■ 000400

■ EBFFFF

■ 000000

■ 488376

■ 488376

■ 3B8373

■ 558379

■ 2E8370

■ 62837C

■ 21836D

■ 6F837F

■ 14836A

■ 7C8382

■ 078368

■ 8A8384

■ 008366

■ 978387

■ A4838A

■ B1838D

■ BE8390

# Harmonies

## Analogous

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



5D8163



488376



3C8389

# Triad

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



488376



79749B



977059

# Complementary

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



488376



834855

# 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.



9F6B68



488376



906E8D

# Square

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



488376



5D7B9F



9D6A7B



887752

# Rectangle

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



488376



3F8194



9D6A7B



9B6E5D



# Sweetspot

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



488376



93ABA6



568348



485753



D6D6D6



575757



# Same Dimension

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



488376



4FAB97



487383



3C4241



008265



000302



# Inverse Universe

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



834855



AB4F63



835848



423C3D



82001D



030001



# Previews

## White Background



This preview shows how the Hex color 488376 looks on a white background.

## Color Contrast Check

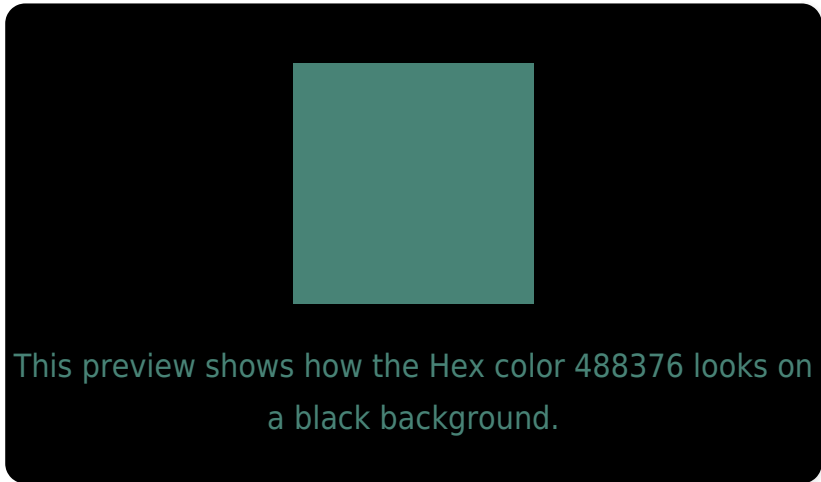
Large Text (above 18pt) WCAG AA ✓ Pass

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

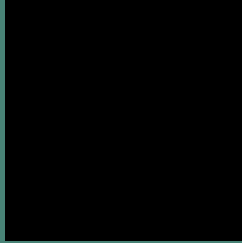
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 488376 Background



This preview shows how black text looks on a background with the Hex color 488376.

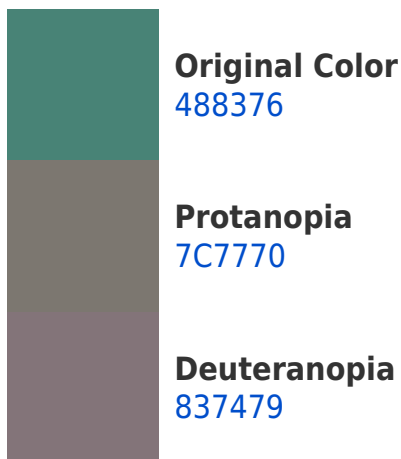


This preview shows how white text looks on a background with the Hex color 488376.

# 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](#).

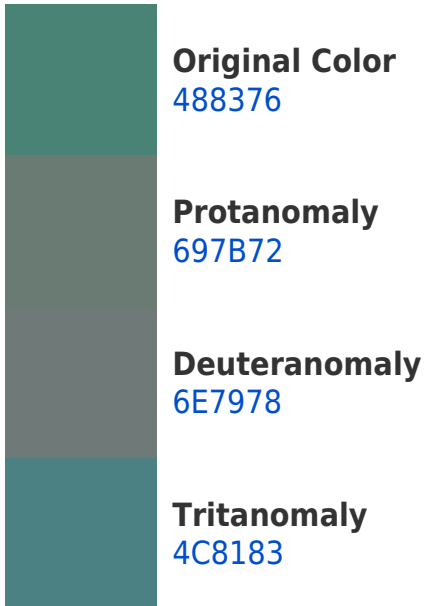
## Dichromacy



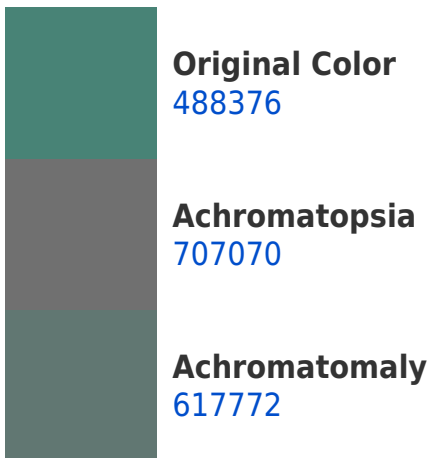


**Tritanopia**  
4E808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 488376 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 #488376 looks like.

```
.text, #text, p{  
    color:#488376  
}
```

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 #488376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488376
}
```

## Border

The CSS property to change the border of an element to Hex 488376 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".

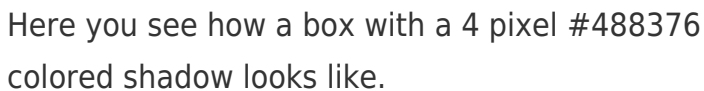
```
.border, #border, table{ border:4px solid
#488376 }
```

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

```
.border{ border-color:#488376 }
```

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

Here you see how a box with a 4 pixel #488376 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488376; -webkit-box-shadow:4px 4px  
4px 4px #488376; box-shadow:4px 4px 4px  
4px #488376 }
```

# Background

The CSS property to change the background color of an element to Hex 488376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488376 }
```

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

```
.background{ background-color:#488376 }
```

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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