

# Converting Colors

Hex(448073)

Have a look what the booklet for  
Hex(448073) contains.

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**Color**

**Hex(448073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	448073
RGB	68, 128, 115
RGB Percent	27%, 50%, 45%
CMY	0.7333, 0.4980, 0.5490
CMYK	0.47, 0.00, 0.10, 0.50
HSL	167°, 31%, 38%
HSV	167°, 47%, 50%
XYZ	13.1976, 17.9051, 18.9801
YIQ	108.5780, -31.5870, -16.7630

# Conversions

## Conversions Part 2

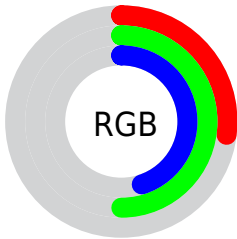
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 102, 128
Decimal	4489331
CIELab	49.38, -22.90, 1.00
CIElCh	49, 22.922, 177.493
Yxy	17.9051, 0.2635, 0.3575
Android (android.graphics.Color)	4282679411 (0xFF448073)
YUV	108.5780, 3.1660, -35.5869
Hunter-Lab	42.3144, -18.3773, 3.0256

# Details

The Hex color **448073** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **804451**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **78B5A7**, and **0C4E43** is the 20% darker color. If you saturate the color by 10%, you get **378070**, and if you desaturate by 10%, it is **518076**.

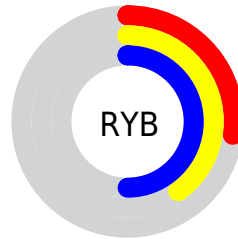
# Distribution



Red (27%)

Green (50%)

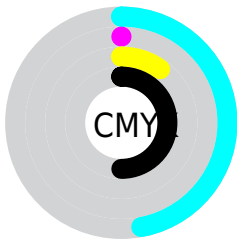
Blue (45%)



Red (27%)

Yellow (40%)

Blue (50%)

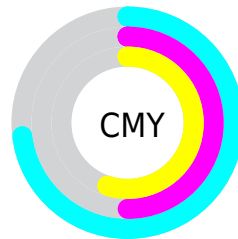


Cyan (47%)

Magenta (0%)

Yellow (10%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448073 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 448073 by changing the saturation by 10% instead.



 448073

 448073

FFFFFF

 2A675A

 78B5A7

 0C4E43

 93D1C2

 00372D

 AEEDDE

 002218

 CAFFFA

 000000

 E7FFFF

 448073

 448073

 378070

 518076

 2A806D

 5E8079

 1E806B

 6A807B

 118068

 77807E

 048065

 848081

 008064

 918084

 9E8086

 AA8089

 B7808C

# Harmonies

## Analogous

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



5A7E60



448073



378087

# Triad

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



448073



767198



946D55

# Complementary

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



448073



804451

# 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.



9C6864



448073



8D6B8B

# Square

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



448073



5A789C



9A6778



85744F

# Rectangle

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



448073



3A7E91



9A6778



986B5A



# Sweetspot

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



448073



8FA6A1



518044



465451



D4D4D4



545454



# Same Dimension

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



448073



49A692



446F80



39403E



008064



000000



# Inverse Universe

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



804451



A6495D



805544



40393B



80001C



000000



# Previews

## White Background



This preview shows how the Hex color 448073 looks on a white background.

## Color Contrast Check

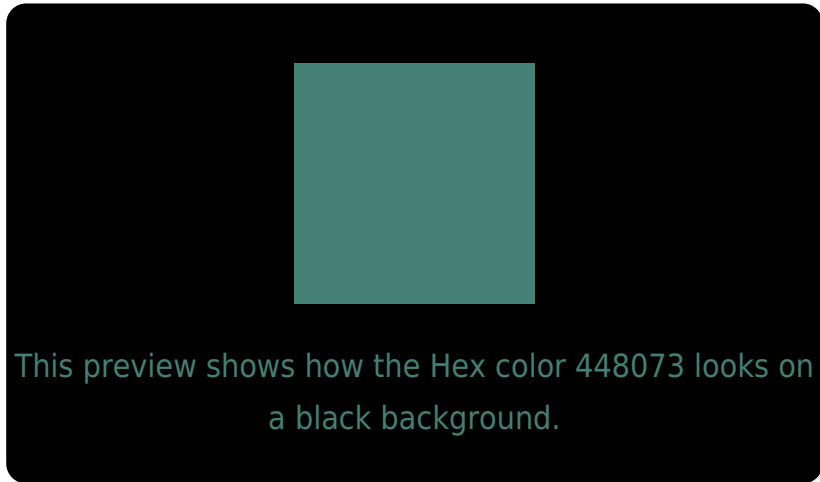
Large Text (above 18pt) WCAG AA ✓ Pass

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

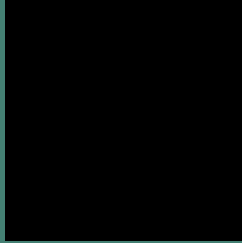
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 448073 Background



This preview shows how black text looks on a background with the Hex color 448073.

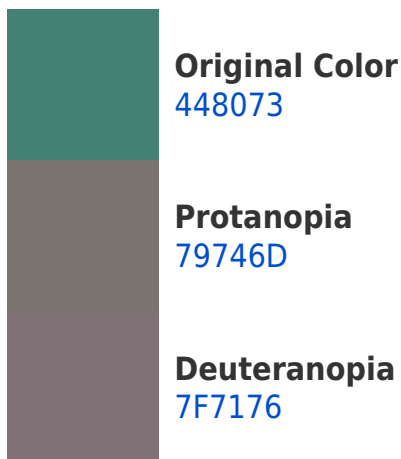


This preview shows how white text looks on a background with the Hex color 448073.

# 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](#).

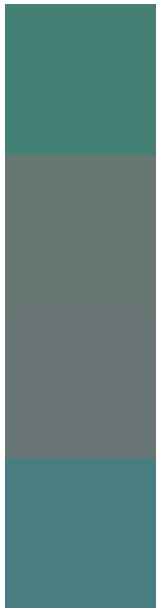
## Dichromacy





**Tritanopia**  
4A7D87

# Trichromacy



**Original Color**  
448073

**Protanomaly**  
66786F

**Deuteranomaly**  
6A7675

**Tritanomaly**  
487E80

# Monochromacy



**Original Color**  
448073

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5E746F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448073 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 #448073 looks like.

```
.text, #text, p{  
    color:#448073  
}
```

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 #448073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448073
}
```

## Border

The CSS property to change the border of an element to Hex 448073 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
#448073 }
```

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

```
.border{ border-color:#448073 }
```

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

Here you see how a box with a 4 pixel #448073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448073; -webkit-box-shadow:4px 4px  
4px 4px #448073; box-shadow:4px 4px 4px  
4px #448073 }
```

# Background

The CSS property to change the background color of an element to Hex 448073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448073 }
```

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

```
.background{ background-color:#448073 }
```

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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