

# Converting Colors

Hex(448883)

Have a look what the booklet for  
Hex(448883) contains.

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**Color**

**Hex(448883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	448883
RGB	68, 136, 131
RGB Percent	27%, 53%, 51%
CMY	0.7333, 0.4667, 0.4863
CMYK	0.50, 0.00, 0.04, 0.47
HSL	176°, 33%, 40%
HSV	176°, 50%, 53%
XYZ	15.2848, 20.4760, 24.6194
YIQ	115.0980, -38.9230, -15.9710

# Conversions

## Conversions Part 2

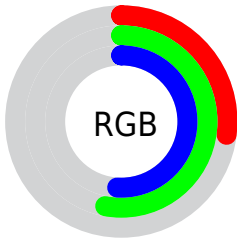
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 103, 136
Decimal	4491395
CIELab	52.37, -22.80, -3.96
CIElCh	52, 23.144, 189.858
Yxy	20.4760, 0.2531, 0.3391
Android (android.graphics.Color)	4282681475 (0xFF448883)
YUV	115.0980, 7.8397, -41.3049
Hunter-Lab	45.2504, -18.8939, -0.5827

# Details

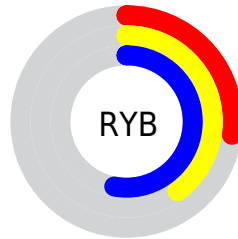
The Hex color **448883** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **884449**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **79BEB8**, and **045652** is the 20% darker color. If you saturate the color by 10%, you get **368882**, and if you desaturate by 10%, it is **528884**.

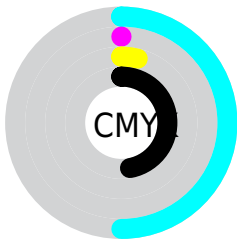
# Distribution



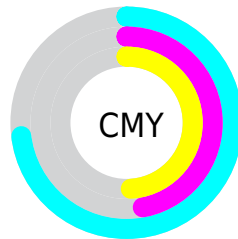
- Red (27%)
- Green (53%)
- Blue (51%)



- Red (27%)
- Yellow (40%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (73%)
- Magenta (47%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448883 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 448883 by changing the saturation by 10% instead.



■ 448883

■ 448883

FFFFFF

■ 286E6A

■ 79BEB8

■ 045652

■ 95DAD4

■ 003E3B

■ B0F6F0

■ 002825

■ CDFFFF

■ 001011

■ EAFFFF

■ 000000

■ 448883

■ 448883

■ 368882

■ 528884

■ 298881

■ 5F8885

■ 1B8880

■ 6D8886

■ 0E887F

■ 7A8887

■ 00887E

■ 888888

■ 968889

■ A3888A

■ B1888B

■ BE888C

# Harmonies

## Analogous

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



57876F



448883



3F8796

# Triad

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



448883



88769B



977758

# Complementary

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



448883



884449

# 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.



A27164



448883



9C708B

# Square

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



448883



6D7DA4



A46E77



847E56

# Rectangle

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



448883



49849F



A46E77



9B755B



# Sweetspot

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



448883



96B0AE



4A8844



495958



D9D9D9



595959



# Same Dimension

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



448883



46B0A8



446C88



3E4544



00857B



000505



# Inverse Universe

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



884449



B0464E



886044



453E3E



85000A



050000



# Previews

## White Background



This preview shows how the Hex color 448883 looks on a white background.

## Color Contrast Check

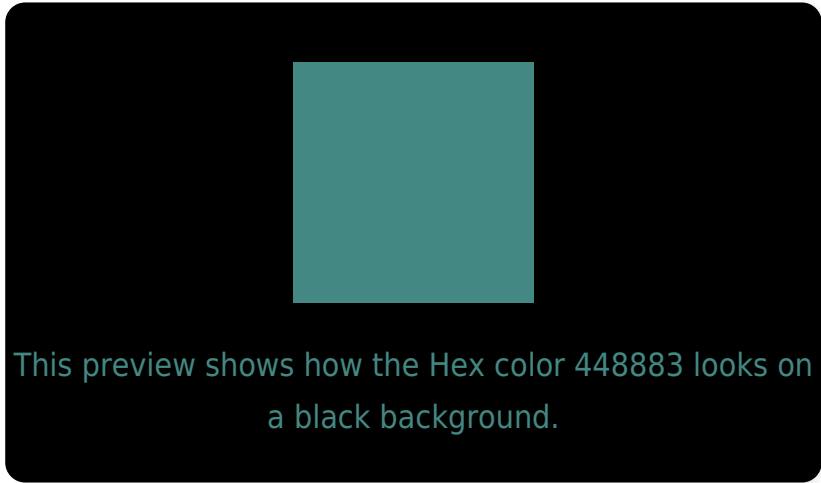
Large Text (above 18pt) WCAG AA ✓ Pass

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

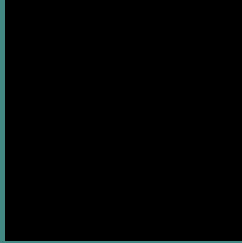
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 448883 Background



This preview shows how black text looks on a background with the Hex color 448883.

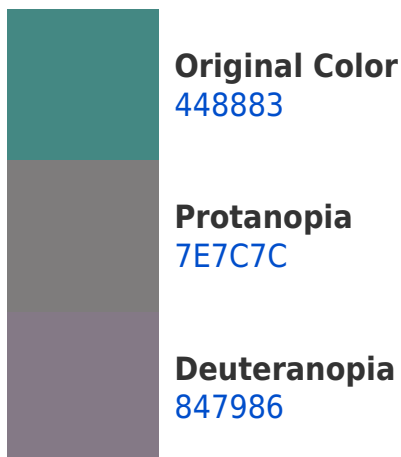


This preview shows how white text looks on a background with the Hex color 448883.

# 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](#).

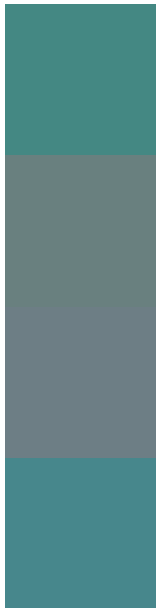
## Dichromacy





**Tritanopia**  
498691

# Trichromacy



**Original Color**  
448883

**Protanomaly**  
69807F

**Deuteranomaly**  
6D7E85

**Tritanomaly**  
47878C

# Monochromacy



**Original Color**  
448883

**Achromatopsia**  
737373

**Achromatomaly**  
627B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448883 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 #448883 looks like.

```
.text, #text, p{  
    color:#448883  
}
```

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 #448883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448883
}
```

## Border

The CSS property to change the border of an element to Hex 448883 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
#448883 }
```

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

```
.border{ border-color:#448883 }
```

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

Here you see how a box with a 4 pixel #448883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448883; -webkit-box-shadow:4px 4px  
4px 4px #448883; box-shadow:4px 4px 4px  
4px #448883 }
```

# Background

The CSS property to change the background color of an element to Hex 448883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448883 }
```

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

```
.background{ background-color:#448883 }
```

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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