

# Converting Colors

Hex(448E7A)

Have a look what the booklet for  
Hex(448E7A) contains.

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# Color

Hex(448E7A)

# Conversions

## Conversions Part 1

Format	Color
Hex	448E7A
RGB	68, 142, 122
RGB Percent	27%, 56%, 48%
CMY	0.7333, 0.4431, 0.5216
CMYK	0.52, 0.00, 0.14, 0.44
HSL	164°, 35%, 41%
HSV	164°, 52%, 56%
XYZ	15.5697, 21.9801, 21.8343
YIQ	117.5940, -37.6840, -21.9080

# Conversions

## Conversions Part 2

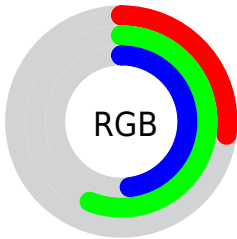
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 111, 142
Decimal	4492922
CIELab	54.01, -28.17, 3.64
CIELCh	54, 28.403, 172.646
Yxy	21.9801, 0.2622, 0.3701
Android (android.graphics.Color)	4282683002 (0xFF448E7A)
YUV	117.5940, 2.1722, -43.4939
Hunter-Lab	46.8829, -22.7655, 5.2055

# Details

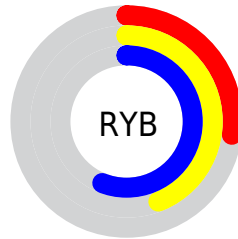
The Hex color **448E7A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E4458**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7AC4AE**, and **025B49** is the 20% darker color. If you saturate the color by 10%, you get **368E76**, and if you desaturate by 10%, it is **528E7E**.

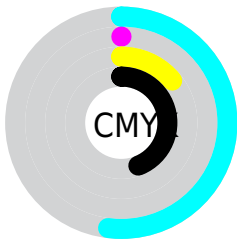
# Distribution



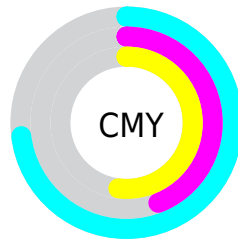
- Red (27%)
- Green (56%)
- Blue (48%)



- Red (27%)
- Yellow (44%)
- Blue (56%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 448E7A 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 448E7A by changing the saturation by 10% instead.



 448E7A

 448E7A

FFFFFF

 287461

 7AC4AE

 025B49

 95E0CA

 004333

 B1FDE6

 002C1E

 CDFFFF

 001705

 EAFFFF

 000000

 448E7A

 448E7A

 368E76

 528E7E

 288E72

 608E82

■ 198E6E

■ 6F8E86

■ 0B8E6B

■ 7D8E89

■ 008E68

■ 8B8E8D

■ 998E91

■ A78E95

■ B68E99

■ C48E9D

# Harmonies

## Analogous

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



628B63



448E7A



2A8E93

# Triad

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



448E7A



7C7DAE



A9755B

# Complementary

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



448E7A



8E4458

# 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.



B16F6F



448E7A



9A749F

# Square

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



448E7A



5585B1



AD6F88



977E50

# Rectangle

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



448E7A



298DA1



AD6F88



AD7361



# Sweetspot

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



448E7A



9AB8B0



598E44



4A5C57



DBDBDB



5C5C5C



# Same Dimension

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



448E7A



44B898



447E8E



404745



008763



000806



# Inverse Universe

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



8E4458



B84463



8E5444



474042



870025



080002



# Previews

## White Background



This preview shows how the Hex color 448E7A looks on a white background.

## Color Contrast Check

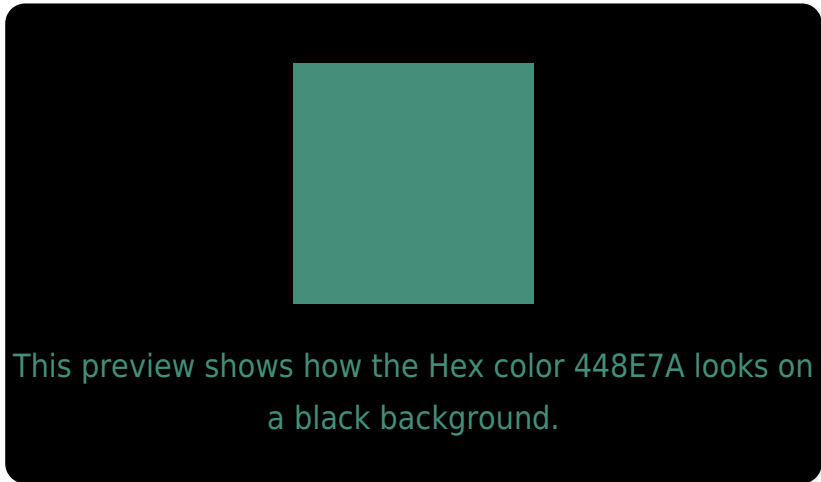
Large Text (above 18pt) WCAG AA ✓ Pass

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

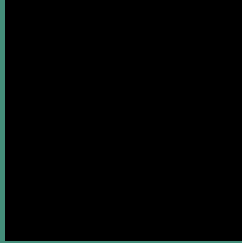
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 448E7A Background



This preview shows how black text looks on a background with the Hex color 448E7A.

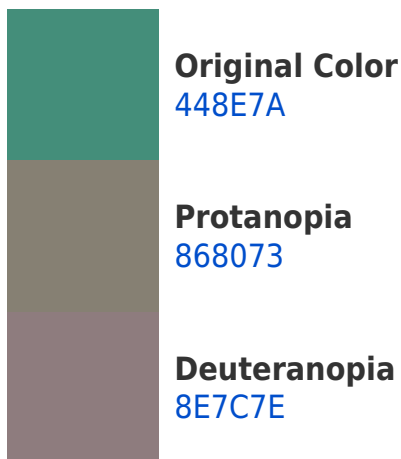



This preview shows how white text looks on a background with the Hex color 448E7A.

# 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](#).

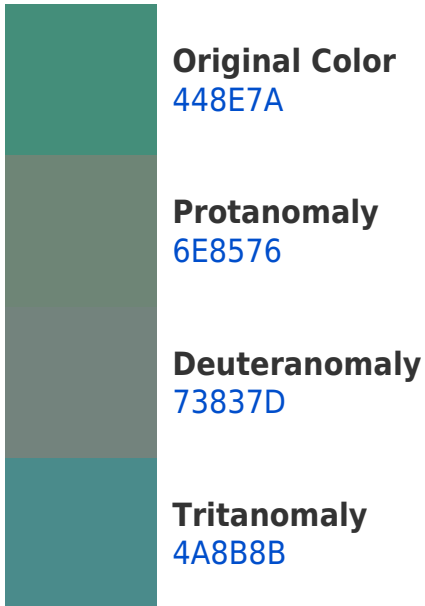
## Dichromacy



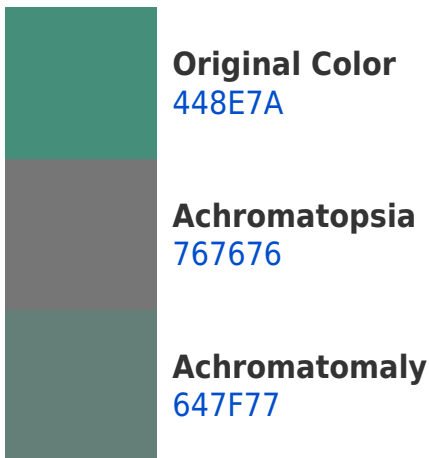


**Tritanopia**  
4D8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 448E7A 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 #448E7A looks like.

```
.text, #text, p{  
    color:#448E7A  
}
```

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 #448E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #448E7A
}
```

## Border

The CSS property to change the border of an element to Hex 448E7A 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
#448E7A }
```

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

```
.border{ border-color:#448E7A }
```

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

Here you see how a box with a 4 pixel #448E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #448E7A; -webkit-box-shadow:4px 4px  
4px 4px #448E7A; box-shadow:4px 4px 4px  
4px #448E7A }
```

# Background

The CSS property to change the background color of an element to Hex 448E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#448E7A }
```

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

```
.background{ background-color:#448E7A }
```

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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