

# Converting Colors

Hex(447F8A)

Have a look what the booklet for  
Hex(447F8A) contains.

<b>Hex(447F8A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(447F8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	447F8A
RGB	68, 127, 138
RGB Percent	27%, 50%, 54%
CMY	0.7333, 0.5020, 0.4588
CMYK	0.51, 0.08, 0.00, 0.46
HSL	189°, 34%, 40%
HSV	189°, 51%, 54%
XYZ	14.5607, 18.2427, 26.7985
YIQ	110.6130, -38.6950, -9.0870

# Conversions

## Conversions Part 2

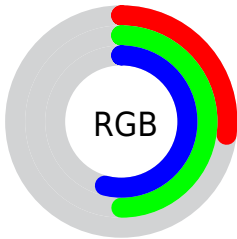
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 100, 138
Decimal	4489098
CIE <sub>Lab</sub>	49.79, -16.04, -11.91
CIE <sub>LCh</sub>	50, 19.974, 216.596
Yxy	18.2427, 0.2443, 0.3061
Android (android.graphics.Color)	4282679178 (0xFF447F8A)
YUV	110.6130, 13.5018, -37.3716
Hunter-Lab	42.7114, -13.8927, -7.3024

# Details

The Hex color **447F8A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A4F44**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **79B4BF**, and **054E58** is the 20% darker color. If you saturate the color by 10%, you get **367D8A**, and if you desaturate by 10%, it is **52818A**.

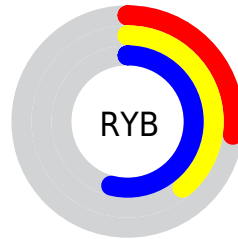
# Distribution



Red (27%)

Green (50%)

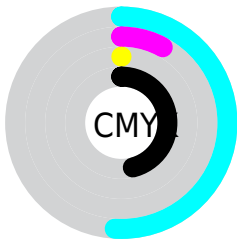
Blue (54%)



Red (27%)

Yellow (39%)

Blue (54%)

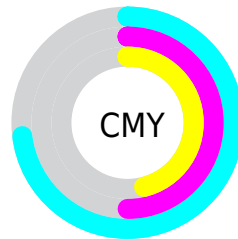


Cyan (51%)

Magenta (8%)

Yellow (0%)

Black (46%)



Cyan (73%)

Magenta (50%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 447F8A 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 447F8A by changing the saturation by 10% instead.



■ 447F8A

■ 447F8A

FFFFFF

■ 296671

■ 79B4BF

■ 054E58

■ 94CFDB

■ 003741

■ B0ECF8

■ 00212B

■ CCFFFF

■ 000117

■ E9FFFF

■ 000000

■ 447F8A

■ 447F8A

■ 367D8A

■ 52818A

■ 287B8A

■ 60838A

■ 1B788A

■ 6D868A

■ 0D768A

■ 7B888A

■ 00748A

■ 898A8A

■ 978C8A

■ A58E8A

■ B2908A

■ C0938A

# Harmonies

## Analogous

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



49807A



447F8A



507C95

# Triad

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



447F8A



8F6C84



7F7755

# Complementary

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



447F8A



8A4F44

# 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.



8E7158



447F8A



986A73

# Square

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



447F8A



7E7192



976C63



6C7B5B

# Rectangle

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



447F8A



5F7998



976C63



857555



# Sweetspot

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



447F8A



98AEB3



448A4F



495759



D9D9D9



595959



# Same Dimension

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



447F8A



46A1B3



445D8A



3E4445



007085



000405



# Inverse Universe

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



8A447F



B346A1



8A7244



453E44



850070

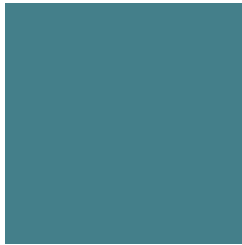


050004



# Previews

## White Background



This preview shows how the Hex color 447F8A looks on a white background.

## Color Contrast Check

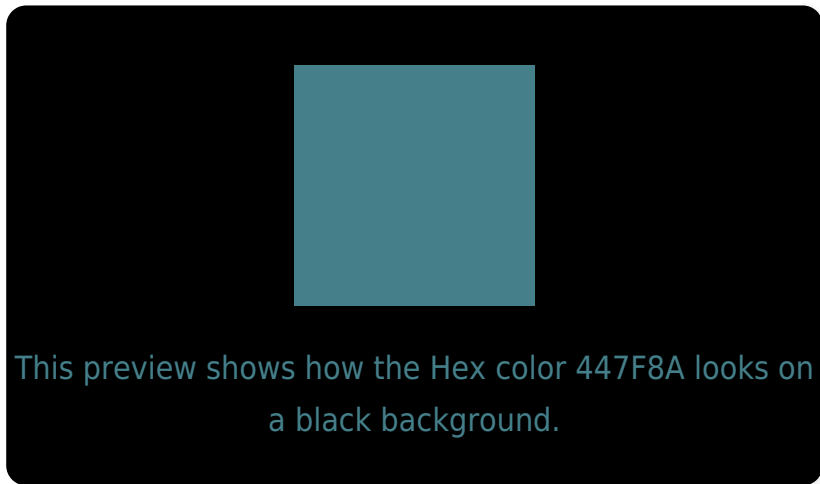
Large Text (above 18pt) WCAG AA ✓ Pass

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

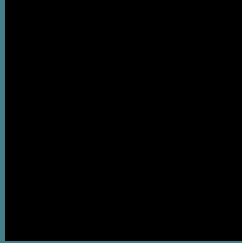
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 447F8A Background



This preview shows how black text looks on a background with the Hex color 447F8A.

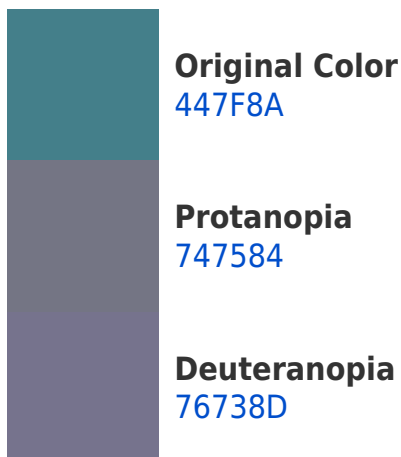


This preview shows how white text looks on a background with the Hex color 447F8A.

# 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](#).

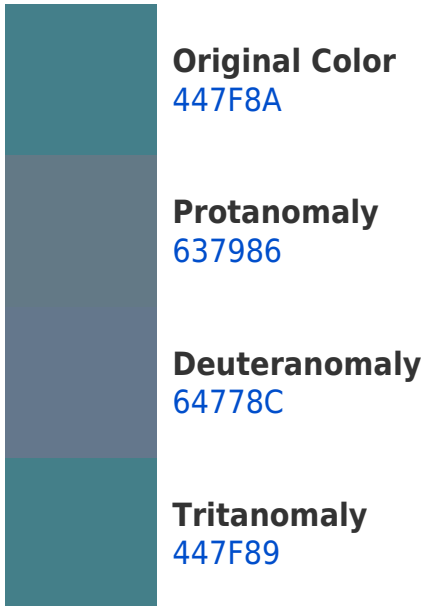
## Dichromacy



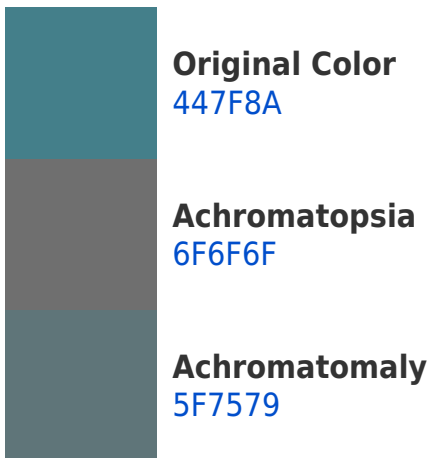


**Tritanopia**  
447F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 447F8A 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 #447F8A looks like.

```
.text, #text, p{  
    color:#447F8A  
}
```

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 #447F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447F8A
}
```

## Border

The CSS property to change the border of an element to Hex 447F8A 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
#447F8A }
```

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

```
.border{ border-color:#447F8A }
```

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

Here you see how a box with a 4 pixel #447F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447F8A; -webkit-box-shadow:4px 4px  
4px 4px #447F8A; box-shadow:4px 4px 4px  
4px #447F8A }
```

# Background

The CSS property to change the background color of an element to Hex 447F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447F8A }
```

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

```
.background{ background-color:#447F8A }
```

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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