

# Converting Colors

Hex(429F8E)

Have a look what the booklet for  
Hex(429F8E) contains.

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# Color

Hex(429F8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	429F8E
RGB	66, 159, 142
RGB Percent	26%, 62%, 56%
CMY	0.7412, 0.3765, 0.4431
CMYK	0.58, 0.00, 0.11, 0.38
HSL	169°, 41%, 44%
HSV	169°, 58%, 62%
XYZ	19.5274, 27.9075, 29.9487
YIQ	129.2550, -49.9710, -25.0030

# Conversions

## Conversions Part 2

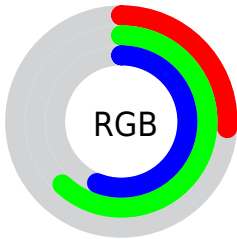
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 117, 159
Decimal	4366222
CIELab	59.81, -31.71, 0.63
CIELCh	60, 31.718, 178.860
Yxy	27.9075, 0.2523, 0.3606
Android (android.graphics.Color)	4282556302 (0xFF429F8E)
YUV	129.2550, 6.2833, -55.4746
Hunter-Lab	52.8276, -26.4668, 3.3670

# Details

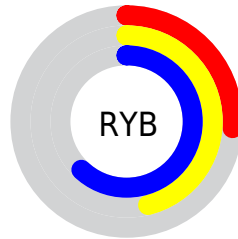
The Hex color **429F8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F4253**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7BD6C4**, and **006B5C** is the 20% darker color. If you saturate the color by 10%, you get **329F8B**, and if you desaturate by 10%, it is **529F91**.

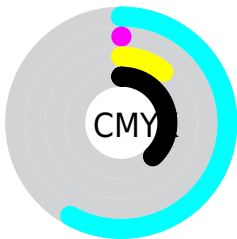
# Distribution



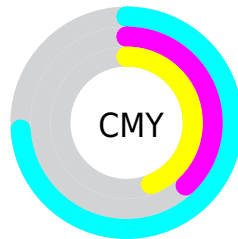
- Red (26%)
- Green (62%)
- Blue (56%)



- Red (26%)
- Yellow (46%)
- Blue (62%)



- Cyan (58%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (74%)
- Magenta (38%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 429F8E 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 429F8E by changing the saturation by 10% instead.



 429F8E

 429F8E

FFFFFF

 228574

 7BD6C4

 006B5C

 97F3E0

 005244

 B3FFFC

 003A2E

 D0FFFF

 00251A

 EEEFFF

 000000

 429F8E

 429F8E

 329F8B

 529F91

 229F88

 629F94

■ 129F85

■ 729F97

■ 029F82

■ 829F9A

■ 009F82

■ 929F9D

■ A19F9F

■ B19FA2

■ C19FA5

■ D19FA8

# Harmonies

## Analogous

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



669C72



429F8E



259EAA

# Triad

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



429F8E



9289C1



BA8461

# Complementary

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



429F8E



9F4253

# 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.



C67D77



429F8E



B280AD

# Square

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



429F8E



6793C7



C47B92



A48E58

# Rectangle

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



429F8E



2C9CB9



C47B92



BF8167



# Sweetspot

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



429F8E



A9CFC8



539F42



526964



E8E8E8



696969



# Same Dimension

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



429F8E



3ECFB4



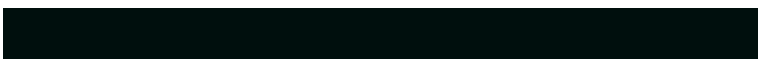
42829F



474F4E



008F75



000F0D



# Inverse Universe

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



9F4253



CF3E58



9F5F42



4F4749



8F001A

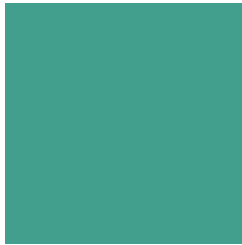


0F0003



# Previews

## White Background



This preview shows how the Hex color 429F8E looks on a white background.

## Color Contrast Check

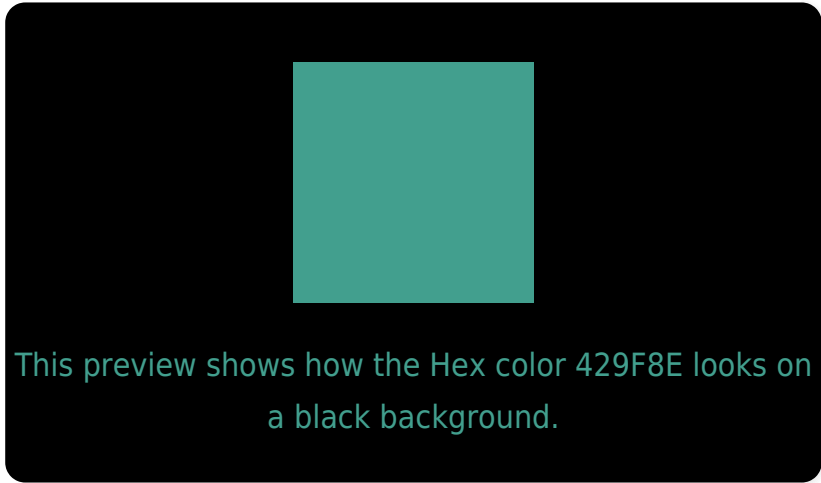
Large Text (above 18pt) WCAG AA ✓ Pass

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

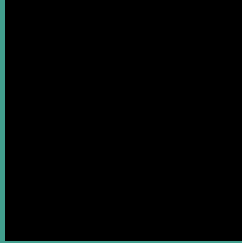
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 429F8E Background



This preview shows how black text looks on a background with the Hex color 429F8E.

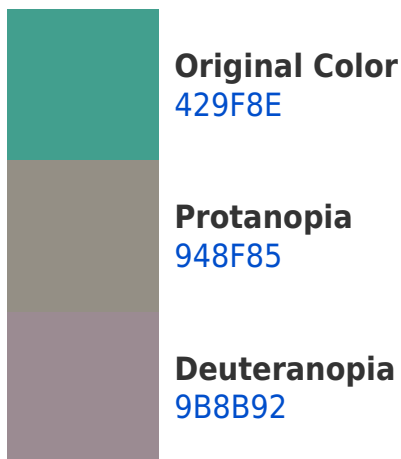


This preview shows how white text looks on a background with the Hex color 429F8E.

# 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



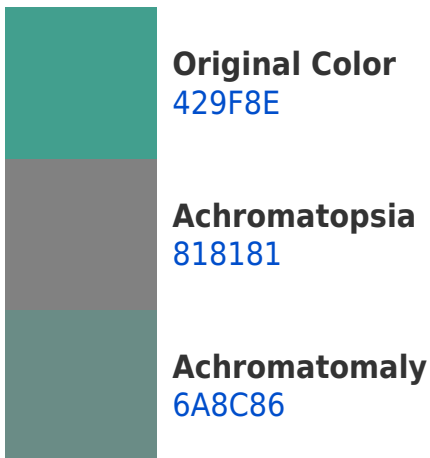


**Tritanopia**  
4C9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 429F8E 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 #429F8E looks like.

```
.text, #text, p{  
    color:#429F8E  
}
```

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 #429F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429F8E
}
```

## Border

The CSS property to change the border of an element to Hex 429F8E 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
#429F8E }
```

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

```
.border{ border-color:#429F8E }
```

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

Here you see how a box with a 4 pixel #429F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429F8E; -webkit-box-shadow:4px 4px  
4px 4px #429F8E; box-shadow:4px 4px 4px  
4px #429F8E }
```

# Background

The CSS property to change the background color of an element to Hex 429F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429F8E }
```

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

```
.background{ background-color:#429F8E }
```

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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