

Converting Colors

Hex(429777)

Have a look what the booklet for
Hex(429777) contains.

Hex(429777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(429777)

Conversions

Conversions Part 1

Format	Color
Hex	429777
RGB	66, 151, 119
RGB Percent	26%, 59%, 47%
CMY	0.7412, 0.4078, 0.5333
CMYK	0.56, 0.00, 0.21, 0.41
HSL	157°, 39%, 43%
HSV	157°, 56%, 59%
XYZ	16.6431, 24.6234, 21.3284
YIQ	121.9370, -40.3880, -27.9720

Conversions

Conversions Part 2

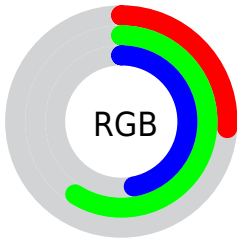
Format	Color
RYB	66, 118, 151
Decimal	4364151
CIELab	56.71, -33.66, 9.20
CIELCh	57, 34.898, 164.709
Yxy	24.6234, 0.2659, 0.3934
Android (android.graphics.Color)	4282554231 (0xFF429777)
YUV	121.9370, -1.4479, -49.0567
Hunter-Lab	49.6219, -26.9697, 9.2515

Details

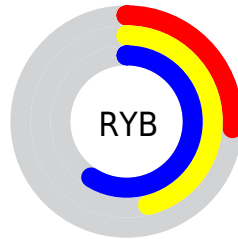
The Hex color **429777** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **974262**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **79CEAB**, and **006347** is the 20% darker color. If you saturate the color by 10%, you get **339771**, and if you desaturate by 10%, it is **51977D**.

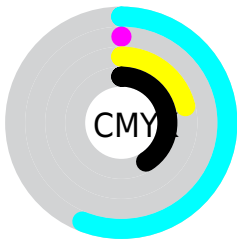
Distribution



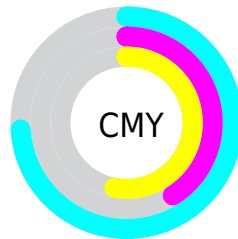
- Red (26%)
- Green (59%)
- Blue (47%)



- Red (26%)
- Yellow (46%)
- Blue (59%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (74%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 429777 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 429777 by changing the saturation by 10% instead.

 429777

 429777

FFFFFF

 247D5E

 79CEAB

 006347

 94EAC7

 004B30

 B1FFE3

 00331B

 CDFFFF

 001F01


 EAFFFF

 000000

 429777

 429777

 339771

 51977D

 24976C

 609782

■ 159766

■ 6F9788

■ 069760

■ 7E978E

■ 00975E

■ 8E9793

■ 9D9799

■ AC979F

■ BB97A4

■ CA97AA

Harmonies

Analogous

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



6B935C



429777



009896

Triad

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



429777



7386C3



BC765F

Complementary

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



429777



974262

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.



C3707A



429777



9E7BB3

Square

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



429777



3A90C2



B97299



A9814D

Rectangle

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



429777



0097AA



B97299



C07467

Sweetspot

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



429777



A3C4B8



639742



50635C



E3E3E3



636363

Same Dimension

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



429777



3FC492



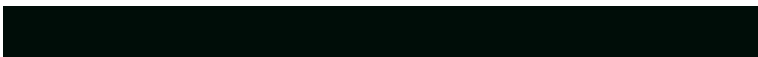
428D97



454D4A



008C57



000D08

Inverse Universe

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



974262



C43F71



974C42



4D4548



8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 429777 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

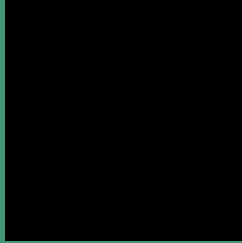
Any Text WCAG AA ✓ Pass

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 429777 Background



This preview shows how black text looks on a background with the Hex color 429777.

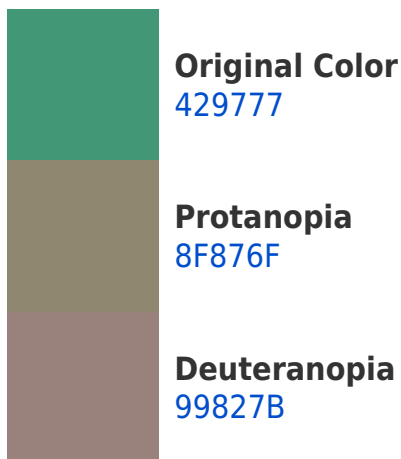


This preview shows how white text looks on a background with the Hex color 429777.

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](#).

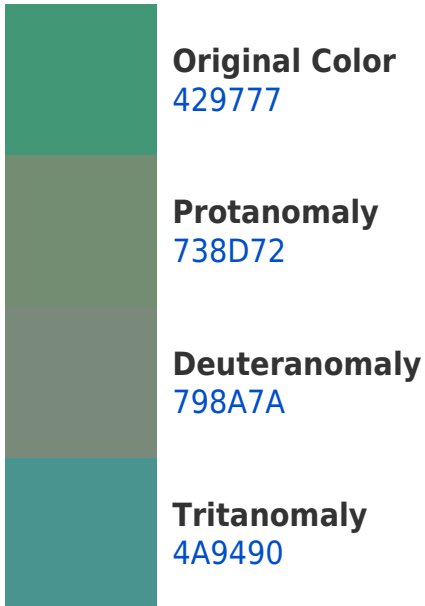
Dichromacy





Tritanopia
4E929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 429777 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 #429777 looks like.

```
.text, #text, p{  
    color:#429777  
}
```

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 #429777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429777  
}
```

Border

The CSS property to change the border of an element to Hex 429777 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  
#429777 }
```

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

```
.border{ border-color:#429777 }
```

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

Here you see how a box with a 4 pixel #429777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429777; -webkit-box-shadow:4px 4px  
4px 4px #429777; box-shadow:4px 4px 4px  
4px #429777 }
```

Background

The CSS property to change the background color of an element to Hex 429777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429777 }
```

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

```
.background{ background-color:#429777 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor