

Converting Colors

Hex(429AA0)

Have a look what the booklet for
Hex(429AA0) contains.

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Color

Hex(429AA0)

Conversions

Conversions Part 1

Format	Color
Hex	429AA0
RGB	66, 154, 160
RGB Percent	26%, 60%, 63%
CMY	0.7412, 0.3961, 0.3725
CMYK	0.59, 0.04, 0.00, 0.37
HSL	184°, 42%, 44%
HSV	184°, 59%, 63%
XYZ	20.1475, 26.8075, 37.3702
YIQ	128.3720, -54.3740, -16.7900

Conversions

Conversions Part 2

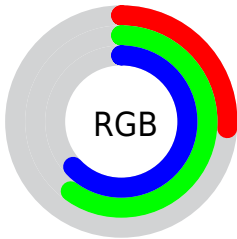
Format	Color
RYB	66, 111, 160
Decimal	4364960
CIELab	58.80, -24.27, -11.07
CIELCh	59, 26.677, 204.520
Yxy	26.8075, 0.2389, 0.3179
Android (android.graphics.Color)	4282555040 (0xFF429AA0)
YUV	128.3720, 15.5926, -54.7002
Hunter-Lab	51.7760, -21.1484, -6.5504

Details

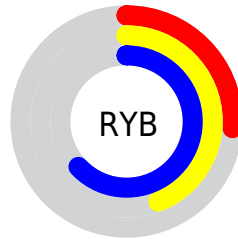
The Hex color **429AA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A04842**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7BD1D7**, and **00676D** is the 20% darker color. If you saturate the color by 10%, you get **3299A0**, and if you desaturate by 10%, it is **529BA0**.

Distribution



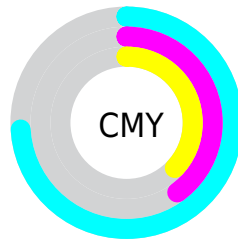
- Red (26%)
- Green (60%)
- Blue (63%)



- Red (26%)
- Yellow (44%)
- Blue (63%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (74%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 429AA0 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 429AA0 by changing the saturation by 10% instead.



429AA0



429AA0

FFFFFF



218086



7BD1D7



00676D



98EDF3



004E54



B4FFFF



00373D



D1FFFF



002227



EFFFFFF



000113



000000



429AA0



429AA0



3299A0



529BA0

■ 2298A0

■ 629CA0

■ 1297A0

■ 729DA0

■ 0296A0

■ 829EA0

■ 0096A0

■ 929FA0

■ A2A0A0

■ B2A1A0

■ C2A2A0

■ D2A3A0

Harmonies

Analogous

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



549A88



429AA0



4A97B3

Triad

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



429AA0



A781A9



A28A5F

Complementary

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



429AA0



A04842

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.



B48368



429AA0



B87C93

Square

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



429AA0



8B89B8



BC7D7B



8A9262

Rectangle

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



429AA0



5D93BA



BC7D7B



A98861

Sweetspot

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



429AA0



ABCFD1



42A047



526769



E8E8E8



696969

Same Dimension

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



429AA0



3DC8D1



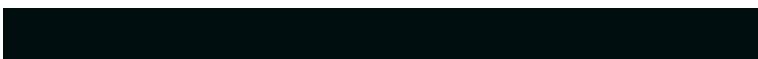
426CA0



474F4F



00868F



000E0F

Inverse Universe

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



A0429A



D13DC8



A07642



4F474F



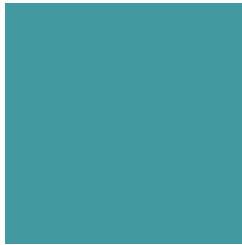
8F0086



0F000E

Previews

White Background



This preview shows how the Hex color 429AA0 looks on a white background.

Color Contrast Check

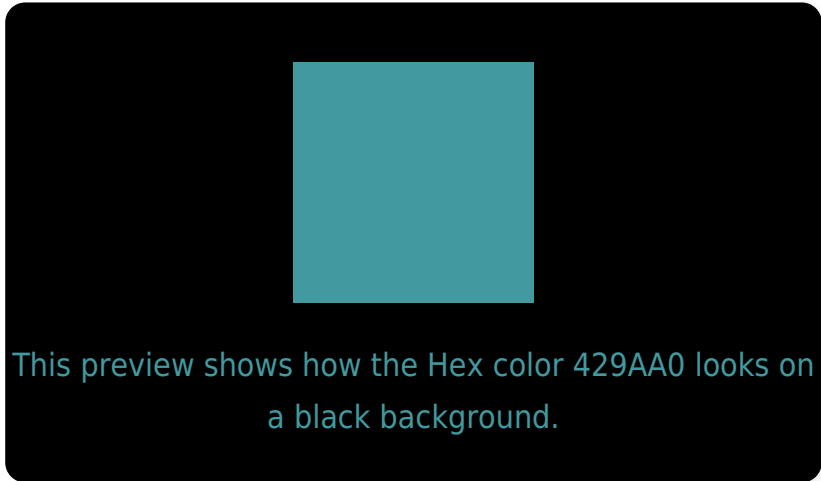
Large Text (above 18pt) WCAG AA ✓ Pass

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

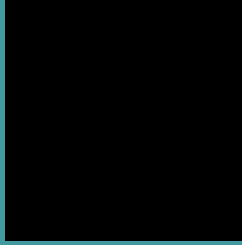
Any Text WCAG AA ✓ Pass

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 429AA0 Background



This preview shows how black text looks on a background with the Hex color 429AA0.

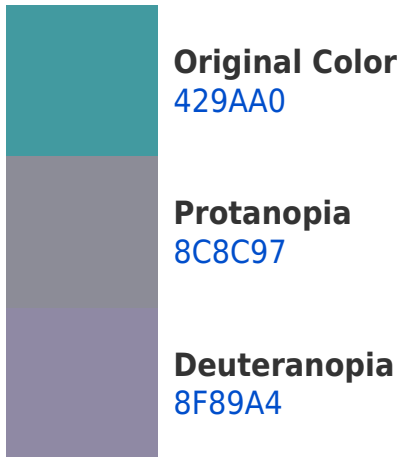


This preview shows how white text looks on a background with the Hex color 429AA0.

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](#).

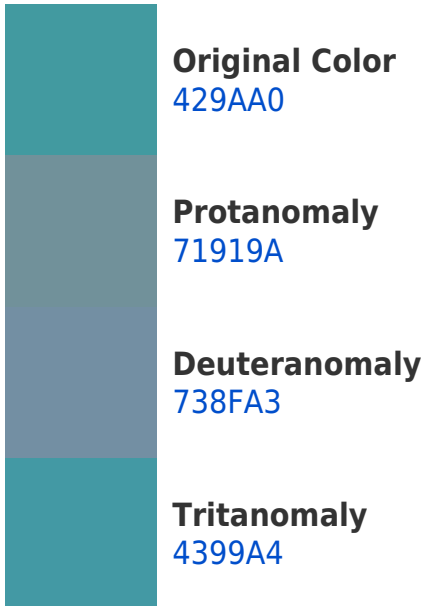
Dichromacy



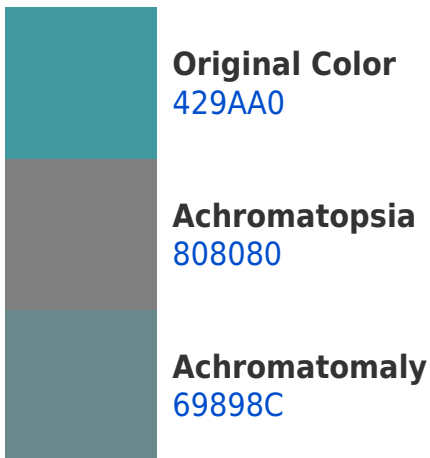


Tritanopia
4499A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 429AA0 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 #429AA0 looks like.

```
.text, #text, p{  
    color:#429AA0  
}
```

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 #429AA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429AA0
}
```

Border

The CSS property to change the border of an element to Hex 429AA0 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
#429AA0 }
```

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

```
.border{ border-color:#429AA0 }
```

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

Here you see how a box with a 4 pixel #429AA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429AA0; -webkit-box-shadow:4px 4px  
4px 4px #429AA0; box-shadow:4px 4px 4px  
4px #429AA0 }
```

Background

The CSS property to change the background color of an element to Hex 429AA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429AA0 }
```

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

```
.background{ background-color:#429AA0 }
```

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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