

Converting Colors

Hex(409AA1)

Have a look what the booklet for
Hex(409AA1) contains.

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Color

Hex(409AA1)

Conversions

Conversions Part 1

Format	Color
Hex	409AA1
RGB	64, 154, 161
RGB Percent	25%, 60%, 63%
CMY	0.7490, 0.3961, 0.3686
CMYK	0.60, 0.04, 0.00, 0.37
HSL	184°, 43%, 44%
HSV	184°, 60%, 63%
XYZ	20.1030, 26.7744, 37.8267
YIQ	127.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

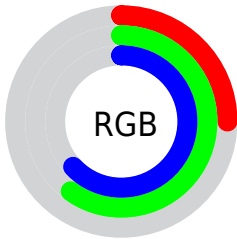
Format	Color
RYB	64, 111, 161
Decimal	4233889
CIELab	58.76, -24.36, -11.69
CIElCh	59, 27.019, 205.641
Yxy	26.7744, 0.2373, 0.3161
Android (android.graphics.Color)	4282423969 (0xFF409AA1)
YUV	127.8880, 16.3242, -56.0298
Hunter-Lab	51.7440, -21.2032, -7.1223

Details

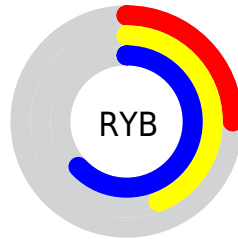
The Hex color **409AA1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A14740**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7AD1D8**, and **00666E** is the 20% darker color. If you saturate the color by 10%, you get **3099A1**, and if you desaturate by 10%, it is **509BA1**.

Distribution



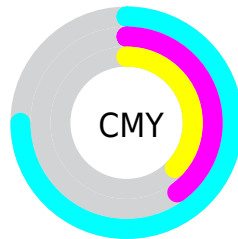
- Red (25%)
- Green (60%)
- Blue (63%)



- Red (25%)
- Yellow (44%)
- Blue (63%)



- Cyan (60%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409AA1 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 409AA1 by changing the saturation by 10% instead.



409AA1



409AA1

FFFFFF



1E8087



7AD1D8



00666E



96EDF4



004E55



B3FFFF



00373E



D0FFFF



002228



EDFFFF



000114



000000



409AA1



409AA1



3099A1



509BA1

■ 2098A1

■ 609CA1

■ 1097A1

■ 709DA1

■ 0095A1

■ 809FA1

■ 91A0A1

■ A1A1A1

■ B1A2A1

■ C1A3A1

■ D1A4A1

Harmonies

Analogous

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



529A89



409AA1



4997B4

Triad

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



409AA1



A881A8



A18B5E

Complementary

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



409AA1



A14740

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.



B38367



409AA1



B97C92

Square

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



409AA1



8C89B8



BC7D7A



899262

Rectangle

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



409AA1



5D93BB



BC7D7A



A88860

Sweetspot

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



409AA1



ABCED1



40A146



526769



E8E8E8



696969

Same Dimension

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



409AA1



3BC6D1



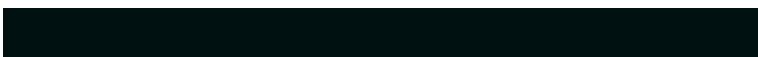
406AA1



495152



008791



001112

Inverse Universe

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



A1409A



D13BC6



A17740



524951



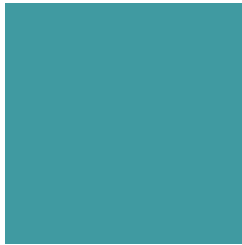
910087



120011

Previews

White Background



This preview shows how the Hex color 409AA1 looks on a white background.

Color Contrast Check

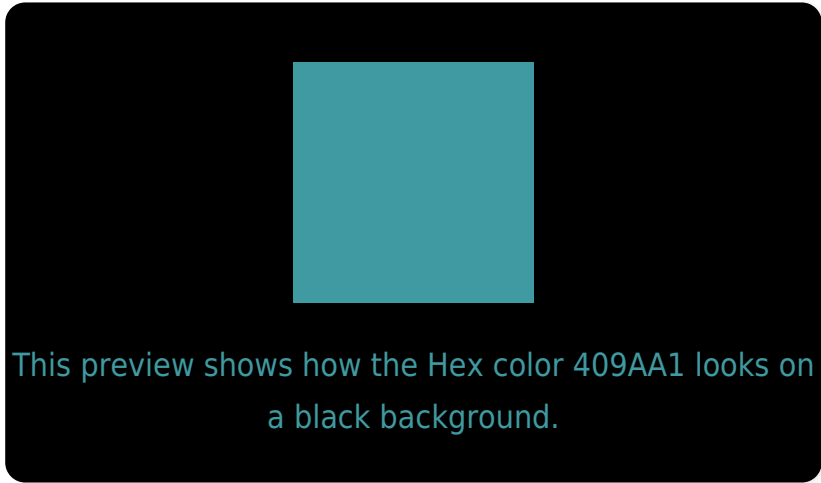
Large Text (above 18pt) WCAG AA ✓ Pass

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

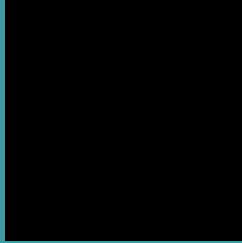
Any Text WCAG AA ✓ Pass

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 409AA1 Background



This preview shows how black text looks on a background with the Hex color 409AA1.

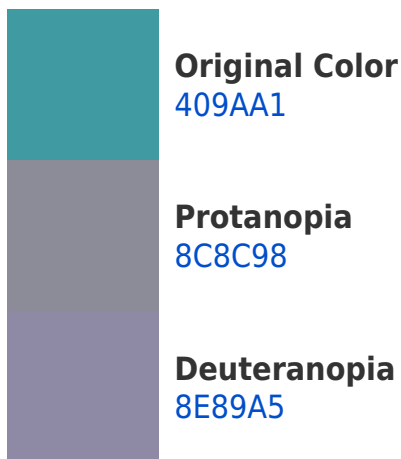


This preview shows how white text looks on a background with the Hex color 409AA1.

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](#).

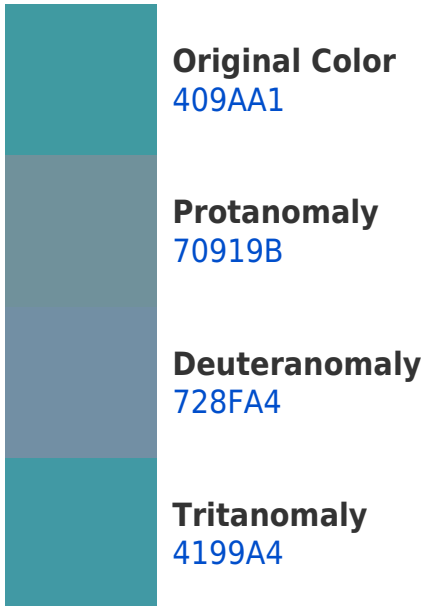
Dichromacy



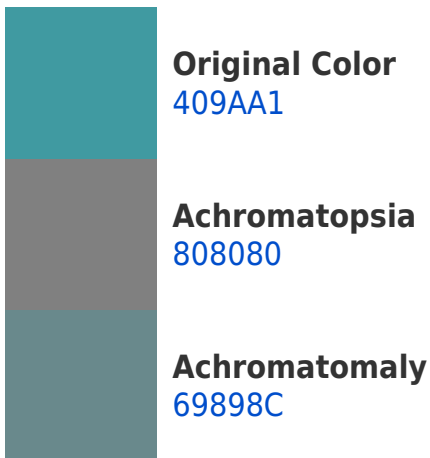


Tritanopia
4299A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409AA1 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 #409AA1 looks like.

```
.text, #text, p{  
    color:#409AA1  
}
```

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 #409AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409AA1
}
```

Border

The CSS property to change the border of an element to Hex 409AA1 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
#409AA1 }
```

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

```
.border{ border-color:#409AA1 }
```

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

Here you see how a box with a 4 pixel #409AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409AA1; -webkit-box-shadow:4px 4px  
4px 4px #409AA1; box-shadow:4px 4px 4px  
4px #409AA1 }
```

Background

The CSS property to change the background color of an element to Hex 409AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409AA1 }
```

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

```
.background{ background-color:#409AA1 }
```

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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