

Converting Colors

Hex(409981)

Have a look what the booklet for
Hex(409981) contains.

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Color

Hex(409981)

Conversions

Conversions Part 1

Format	Color
Hex	409981
RGB	64, 153, 129
RGB Percent	25%, 60%, 51%
CMY	0.7490, 0.4000, 0.4941
CMYK	0.58, 0.00, 0.16, 0.40
HSL	164°, 41%, 43%
HSV	164°, 58%, 60%
XYZ	17.4680, 25.4574, 24.7620
YIQ	123.6530, -45.3400, -26.3320

Conversions

Conversions Part 2

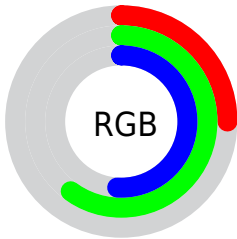
Format	Color
RYB	64, 115, 153
Decimal	4233601
CIELab	57.52, -32.61, 4.68
CIELCh	58, 32.949, 171.838
Yxy	25.4574, 0.2581, 0.3761
Android (android.graphics.Color)	4282423681 (0xFF409981)
YUV	123.6530, 2.6361, -52.3157
Hunter-Lab	50.4554, -26.4988, 6.2210

Details

The Hex color **409981** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994058**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **78D0B6**, and **006550** is the 20% darker color. If you saturate the color by 10%, you get **31997D**, and if you desaturate by 10%, it is **4F9985**.

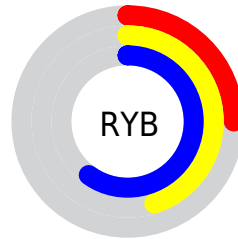
Distribution



Red (25%)

Green (60%)

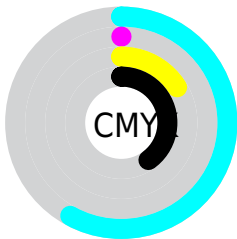
Blue (51%)



Red (25%)

Yellow (45%)

Blue (60%)

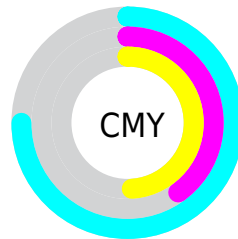


Cyan (58%)

Magenta (0%)

Yellow (16%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409981 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 409981 by changing the saturation by 10% instead.



409981



409981

FFFFFF



217F68



78D0B6



006550



94ECD1



004D39



B0FFEE



003524



CDFFFF



00220E



EAffff



000000



409981



409981



31997D



4F9985



219979



5F9989

■ 129975

■ 6E998D

■ 039970

■ 7D9992

■ 009970

■ 8C9996

■ 9C999A

■ AB999E

■ BA99A2

■ CA99A6

Harmonies

Analogous

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



669666



409981



0F999F

Triad

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



409981



8286BF



B97C5E

Complementary

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



409981



994058

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.



C27576



409981



A77BAE

Square

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



409981



528FC3



BD7493



A48651

Rectangle

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



409981



0398B0



BD7493



BD7965

Sweetspot

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



409981



A5C7BE



599940



50635E



E3E3E3



636363

Same Dimension

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



409981



3CC7A1



408699



454D4A



008C66



000D09

Inverse Universe

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



994058



C73C61



995340



4D4547



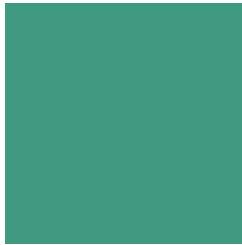
8C0026



0D0003

Previews

White Background



This preview shows how the Hex color 409981 looks on a white background.

Color Contrast Check

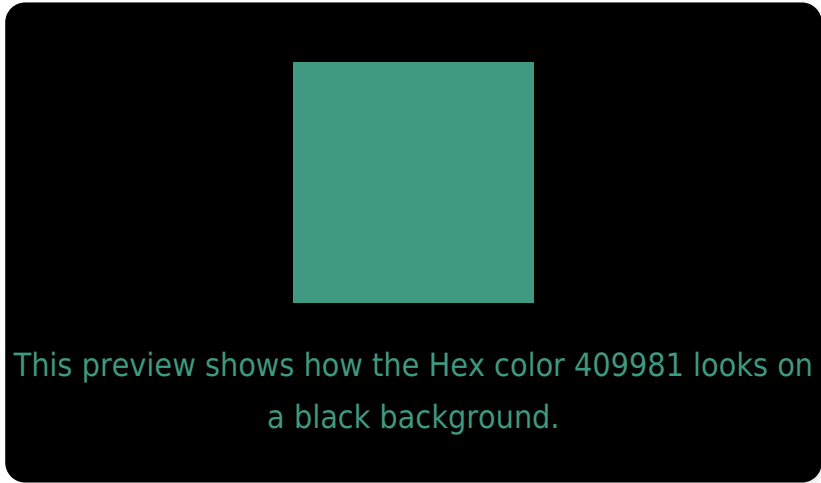
Large Text (above 18pt) WCAG AA ✓ Pass

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 409981 Background



This preview shows how black text looks on a background with the Hex color 409981.

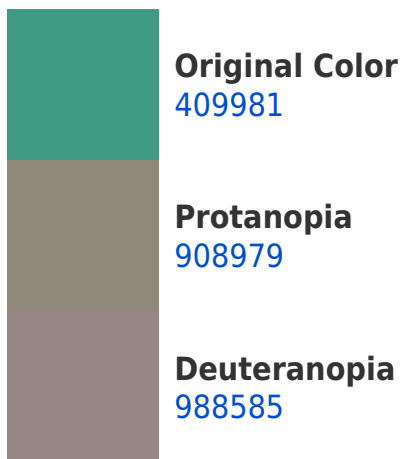


This preview shows how white text looks on a background with the Hex color 409981.

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
4B95A1

Trichromacy



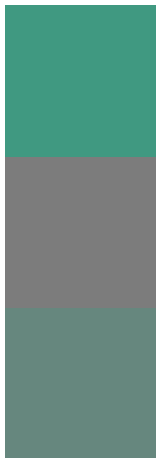
Original Color
409981

Protanomaly
738F7C

Deuteranomaly
788C84

Tritanomaly
479695

Monochromacy



Original Color
409981

Achromatopsia
7C7C7C

Achromatomaly
66877E

CSS Examples

Text

The CSS property to change the color of the text to Hex 409981 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 #409981 looks like.

```
.text, #text, p{  
    color:#409981  
}
```

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 #409981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409981
}
```

Border

The CSS property to change the border of an element to Hex 409981 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
#409981 }
```

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

```
.border{ border-color:#409981 }
```

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

Here you see how a box with a 4 pixel #409981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409981; -webkit-box-shadow:4px 4px  
4px 4px #409981; box-shadow:4px 4px 4px  
4px #409981 }
```

Background

The CSS property to change the background color of an element to Hex 409981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409981 }
```

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

```
.background{ background-color:#409981 }
```

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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