

Converting Colors

Hex(409B82)

Have a look what the booklet for
Hex(409B82) contains.

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Color

Hex(409B82)

Conversions

Conversions Part 1

Format	Color
Hex	409B82
RGB	64, 155, 130
RGB Percent	25%, 61%, 51%
CMY	0.7490, 0.3922, 0.4902
CMYK	0.59, 0.00, 0.16, 0.39
HSL	164°, 42%, 43%
HSV	164°, 59%, 61%
XYZ	17.8650, 26.1444, 25.2239
YIQ	124.9410, -46.2110, -27.0670

Conversions

Conversions Part 2

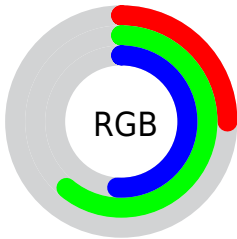
Format	Color
RYB	64, 117, 155
Decimal	4234114
CIELab	58.17, -33.30, 5.05
CIElCh	58, 33.684, 171.372
Yxy	26.1444, 0.2580, 0.3776
Android (android.graphics.Color)	4282424194 (0xFF409B82)
YUV	124.9410, 2.4941, -53.4453
Hunter-Lab	51.1316, -27.1138, 6.5436

Details

The Hex color **409B82** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B4059**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78D2B7**, and **006751** is the 20% darker color. If you saturate the color by 10%, you get **319B7E**, and if you desaturate by 10%, it is **509B86**.

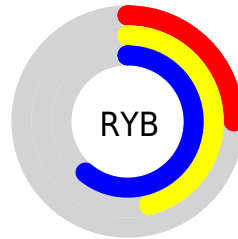
Distribution



Red (25%)

Green (61%)

Blue (51%)



Red (25%)

Yellow (46%)

Blue (61%)

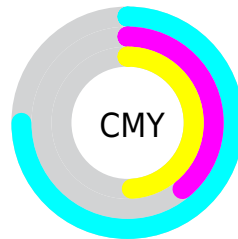


Cyan (59%)

Magenta (0%)

Yellow (16%)

Black (39%)



Cyan (75%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409B82 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 409B82 by changing the saturation by 10% instead.



409B82



409B82

FFFFFF



208169



78D2B7



006751



94EFD2



004E3A



B0FFEF



003724



CDFFFF



00230F



EAFFFF



000000



409B82



409B82



319B7E



509B86



219B79



5F9B8B

■ 129B75

■ 6E9B8F

■ 029B71

■ 7E9B93

■ 009B70

■ 8E9B97

■ 9D9B9C

■ AD9BA0

■ BC9BA4

■ CB9BA8

Harmonies

Analogous

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



689766



409B82



079BA0

Triad

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



409B82



8387C3



BC7D5F

Complementary

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



409B82



9B4059

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.



C57678



409B82



A97DB1

Square

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



409B82



5191C6



BF7696



A78751

Rectangle

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



409B82



009AB2



BF7696



C07A66

Sweetspot

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



409B82



A5C9BF



5A9B40



506660



E6E6E6



666666

Same Dimension

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



409B82



3CC9A3



40879B



454D4A



008C66



000D09

Inverse Universe

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



9B4059



C93C63



9B5440



4D4547



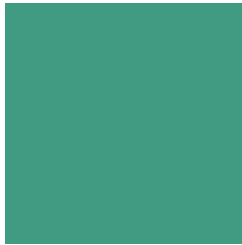
8C0027



0D0004

Previews

White Background



This preview shows how the Hex color 409B82 looks on a white background.

Color Contrast Check

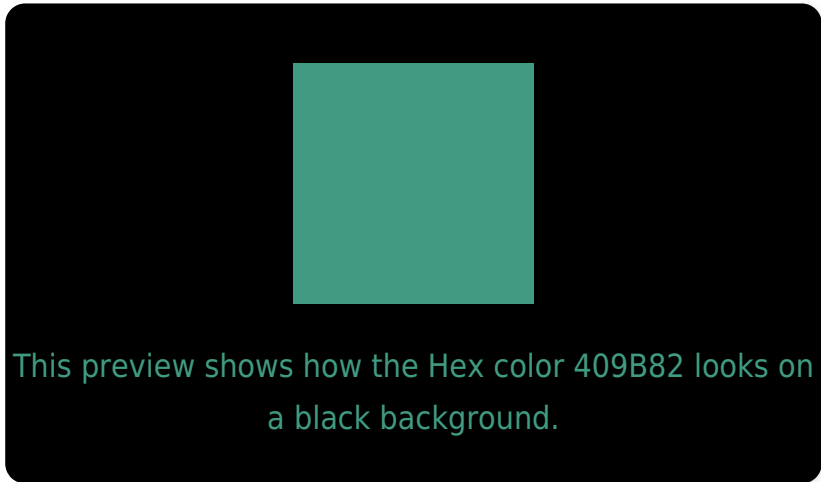
Large Text (above 18pt) WCAG AA ✓ Pass

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

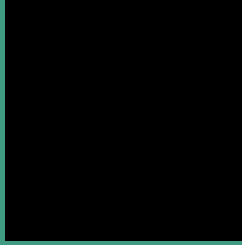
Any Text WCAG AA ✓ Pass

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 409B82 Background



This preview shows how black text looks on a background with the Hex color 409B82.

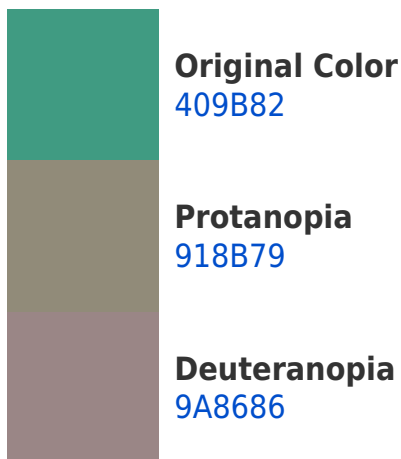



This preview shows how white text looks on a background with the Hex color 409B82.

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



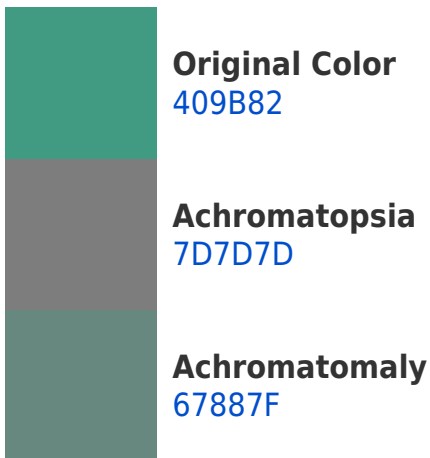


Tritanopia
4C96A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409B82 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 #409B82 looks like.

```
.text, #text, p{  
    color:#409B82  
}
```

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 #409B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409B82
}
```

Border

The CSS property to change the border of an element to Hex 409B82 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
#409B82 }
```

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

```
.border{ border-color:#409B82 }
```

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

Here you see how a box with a 4 pixel #409B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409B82; -webkit-box-shadow:4px 4px  
4px 4px #409B82; box-shadow:4px 4px 4px  
4px #409B82 }
```

Background

The CSS property to change the background color of an element to Hex 409B82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409B82 }
```

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

```
.background{ background-color:#409B82 }
```

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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