

Converting Colors

Hex(409F76)

Have a look what the booklet for
Hex(409F76) contains.

Hex(409F76)	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(409F76)

Conversions

Conversions Part 1

Format	Color
Hex	409F76
RGB	64, 159, 118
RGB Percent	25%, 62%, 46%
CMY	0.7490, 0.3765, 0.5373
CMYK	0.60, 0.00, 0.26, 0.38
HSL	154°, 43%, 44%
HSV	154°, 60%, 62%
XYZ	17.7825, 27.1943, 21.4513
YIQ	125.9210, -43.4590, -32.8910

Conversions

Conversions Part 2

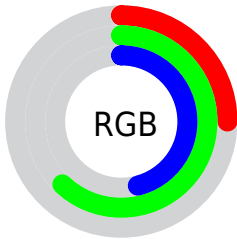
Format	Color
RYB	64, 125, 159
Decimal	4235126
CIELab	59.15, -37.97, 13.20
CIElCh	59, 40.197, 160.829
Yxy	27.1943, 0.2677, 0.4094
Android (android.graphics.Color)	4282425206 (0xFF409F76)
YUV	125.9210, -3.9051, -54.3047
Hunter-Lab	52.1481, -30.3907, 12.1145

Details

The Hex color **409F76** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9F4069**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **78D6AA**, and **006B46** is the 20% darker color. If you saturate the color by 10%, you get **309F6F**, and if you desaturate by 10%, it is **509F7D**.

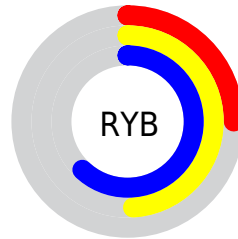
Distribution



Red (25%)

Green (62%)

Blue (46%)



Red (25%)

Yellow (49%)

Blue (62%)

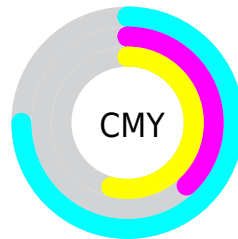


Cyan (60%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (75%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409F76 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 409F76 by changing the saturation by 10% instead.

 409F76

 409F76


FFFFFF

 20845D

 78D6AA

 006B46

 94F3C6

 00522F

 B1FFE2

 003A1A

 CDFFFE

 002500

 EBFFFF

 000000

 409F76

 409F76

 309F6F

 509F7D

 209F68

 609F84

■ 109F61

■ 709F8B

■ 009F5B

■ 809F91

■ 009F5A

■ 909F98

■ 9F9F9F

■ AF9FA6

■ BF9FAD

■ CF9FB4

Harmonies

Analogous

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



719A57



409F76



00A19A

Triad

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



409F76



6D8ED4



CC7862

Complementary

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



409F76



9F4069

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.



D27283



409F76



A280C4

Square

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



409F76



0798D0



C475A6



B7844C

Rectangle

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



409F76



00A0B1



C475A6



D0756C

Sweetspot

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



409F76



A9CFBF



699F40



52695F



E8E8E8



696969

Same Dimension

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



409F76



3ACF8E



40999F



474F4C



008F51



000F09

Inverse Universe

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



9F4069



CF3A7A



9F4640



4F474B



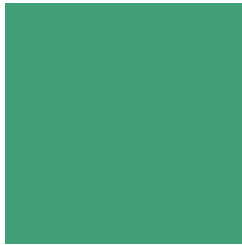
8F003E



0F0007

Previews

White Background



This preview shows how the Hex color 409F76 looks on a white background.

Color Contrast Check

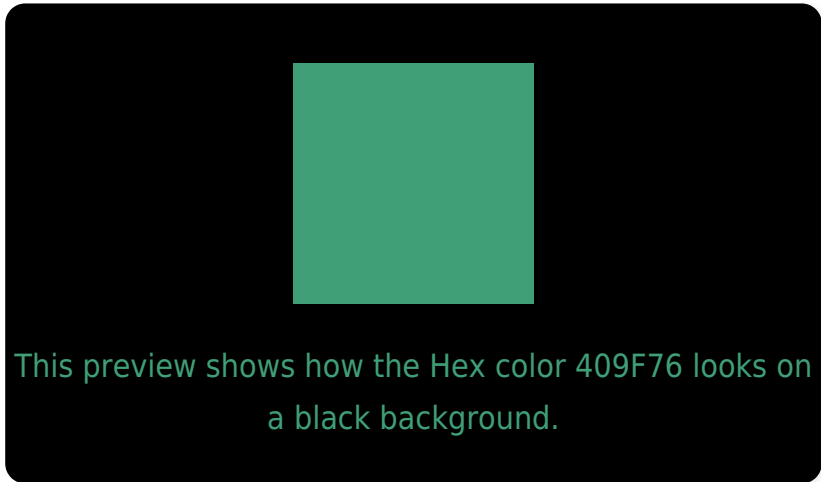
Large Text (above 18pt) WCAG AA ✓ Pass

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

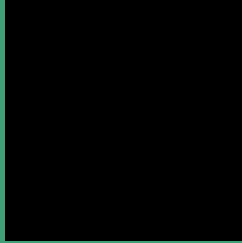
Any Text WCAG AA ✓ Pass

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 409F76 Background



This preview shows how black text looks on a background with the Hex color 409F76.

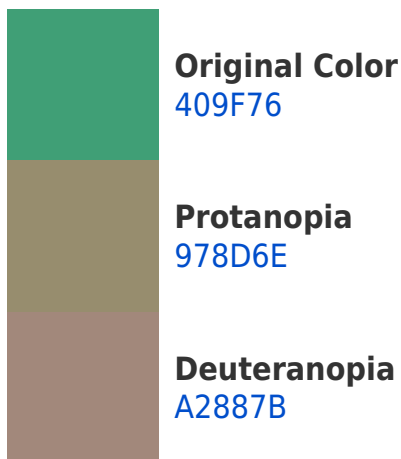


This preview shows how white text looks on a background with the Hex color 409F76.

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](#).

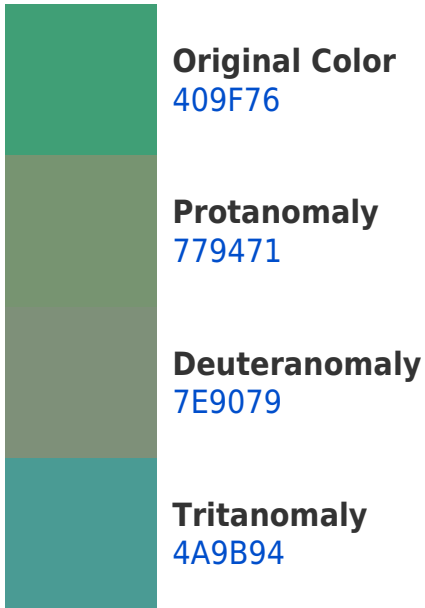
Dichromacy



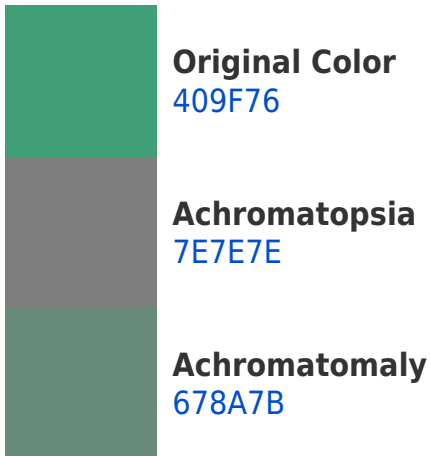


Tritanopia
5099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409F76 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 #409F76 looks like.

```
.text, #text, p{  
    color:#409F76  
}
```

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 #409F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409F76
}
```

Border

The CSS property to change the border of an element to Hex 409F76 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
#409F76 }
```

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

```
.border{ border-color:#409F76 }
```

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

Here you see how a box with a 4 pixel #409F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409F76; -webkit-box-shadow:4px 4px  
4px 4px #409F76; box-shadow:4px 4px 4px  
4px #409F76 }
```

Background

The CSS property to change the background color of an element to Hex 409F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409F76 }
```

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

```
.background{ background-color:#409F76 }
```

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