

Converting Colors

Hex(409C61)

Have a look what the booklet for
Hex(409C61) contains.

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Color

Hex(409C61)

Conversions

Conversions Part 1

Format	Color
Hex	409C61
RGB	64, 156, 97
RGB Percent	25%, 61%, 38%
CMY	0.7490, 0.3882, 0.6196
CMYK	0.59, 0.00, 0.38, 0.39
HSL	142°, 42%, 43%
HSV	142°, 59%, 61%
XYZ	16.1605, 25.7300, 15.4239
YIQ	121.7660, -35.8930, -37.8530

Conversions

Conversions Part 2

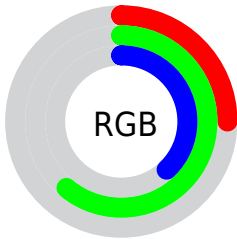
Format	Color
R _{YB}	64, 132, 156
Decimal	4234337
CIE _{Lab}	57.78, -41.02, 22.95
CIE _{LCh}	58, 47.003, 150.774
Yxy	25.7300, 0.2820, 0.4489
Android (android.graphics.Color)	4282424417 (0xFF409C61)
YUV	121.7660, -12.2096, -50.6608
Hunter-Lab	50.7247, -31.8996, 17.4790

Details

The Hex color **409C61** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C407B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **78D394**, and **006832** is the 20% darker color. If you saturate the color by 10%, you get **309C57**, and if you desaturate by 10%, it is **509C6B**.

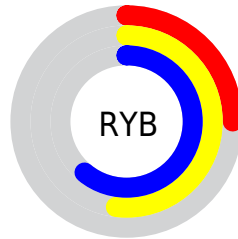
Distribution



Red (25%)

Green (61%)

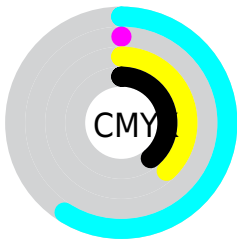
Blue (38%)



Red (25%)

Yellow (52%)

Blue (61%)

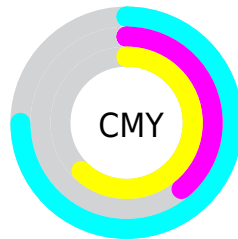


Cyan (59%)

Magenta (0%)

Yellow (38%)

Black (39%)



Cyan (75%)

Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 409C61 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 409C61 by changing the saturation by 10% instead.

 409C61

 409C61

FFFFFF

 218149

 78D394

 006832

 94F0AF

 004F1B

 B0FFCA

 003704

 CDFFE7

 002200

 EAFFFF

 000000

 409C61

 409C61

 309C57

 509C6B

 219C4D

 5F9C75

■ 119C43

■ 6F9C7F

■ 029C39

■ 7E9C89

■ 009C38

■ 8E9C93

■ 9E9C9D

■ AD9CA7

■ BD9CB1

■ CC9CBB

Harmonies

Analogous

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



779541



409C61



009F8B

Triad

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



409C61



3A8FDD



D56C63

Complementary

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



409C61



9C407B

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.



D5678B



409C61



8E80D2

Square

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



409C61



0099D2



BE70B4



C27A43

Rectangle

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



409C61



009FA7



BE70B4



D76970

Sweetspot

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



409C61



A7CCB4



7C9C40



506658



E6E6E6



666666

Same Dimension

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



409C61



3BCC6F



409C8E



474F4A



008F33



000F05

Inverse Universe

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



9C407B



CC3B98



9C404E



4F474C



8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 409C61 looks on a white background.

Color Contrast Check

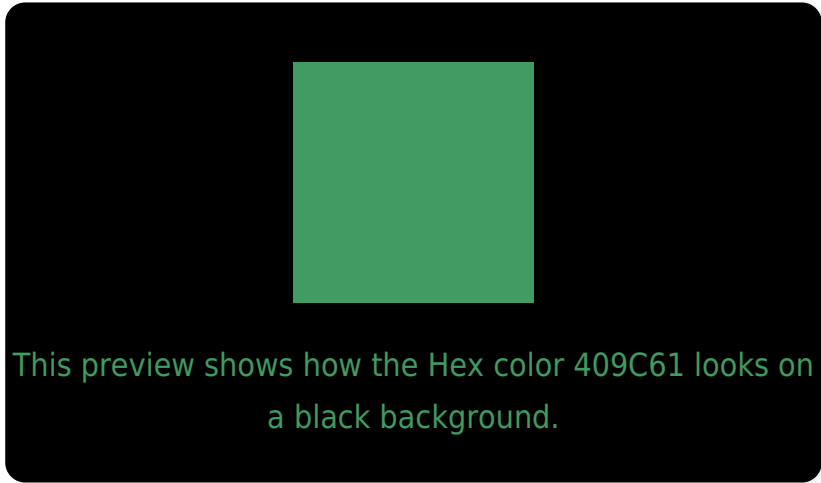
Large Text (above 18pt) WCAG AA ✓ Pass

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

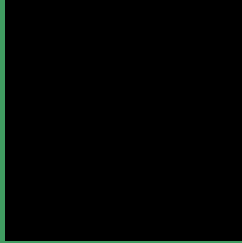
Any Text WCAG AA ✓ Pass

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 409C61 Background



This preview shows how black text looks on a background with the Hex color 409C61.



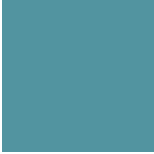
This preview shows how white text looks on a background with the Hex color 409C61.

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](#).

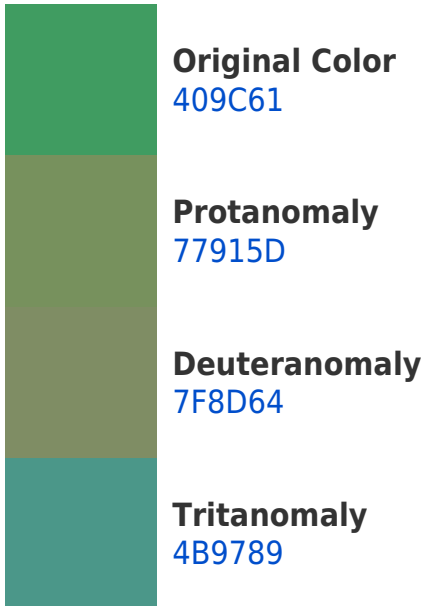
Dichromacy



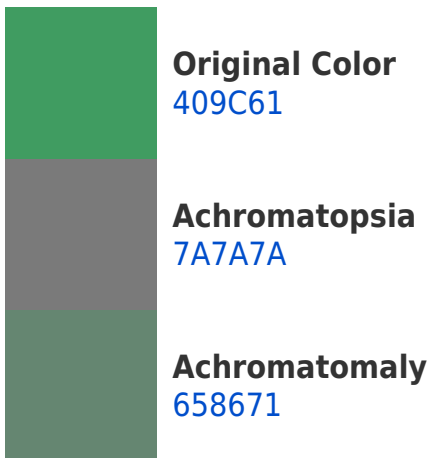


Tritanopia
5294A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 409C61 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 #409C61 looks like.

```
.text, #text, p{  
    color:#409C61  
}
```

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 #409C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #409C61
}
```

Border

The CSS property to change the border of an element to Hex 409C61 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
#409C61 }
```

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

```
.border{ border-color:#409C61 }
```

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

Here you see how a box with a 4 pixel #409C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #409C61; -webkit-box-shadow:4px 4px  
4px 4px #409C61; box-shadow:4px 4px 4px  
4px #409C61 }
```

Background

The CSS property to change the background color of an element to Hex 409C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#409C61 }
```

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

```
.background{ background-color:#409C61 }
```

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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