

# Converting Colors

Hex(419C59)

Have a look what the booklet for  
Hex(419C59) contains.

<b>Hex(419C59)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(419C59)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	419C59
RGB	65, 156, 89
RGB Percent	25%, 61%, 35%
CMY	0.7451, 0.3882, 0.6510
CMYK	0.58, 0.00, 0.43, 0.39
HSL	136°, 41%, 43%
HSV	136°, 58%, 61%
XYZ	15.8716, 25.6220, 13.5602
YIQ	121.1530, -32.7290, -40.1290

# Conversions

## Conversions Part 2

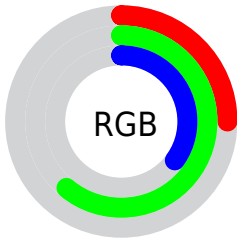
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 137, 156
Decimal	4299865
CIELab	57.68, -42.23, 27.15
CIELCh	58, 50.209, 147.264
Yxy	25.6220, 0.2883, 0.4654
Android (android.graphics.Color)	4282489945 (0xFF419C59)
YUV	121.1530, -15.8514, -49.2462
Hunter-Lab	50.6182, -32.6122, 19.5494

# Details

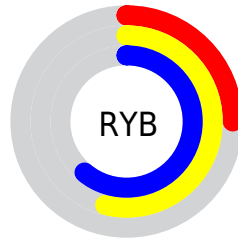
The Hex color **419C59** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C4184**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **79D38C**, and **00682A** is the 20% darker color. If you saturate the color by 10%, you get **319C4E**, and if you desaturate by 10%, it is **519C64**.

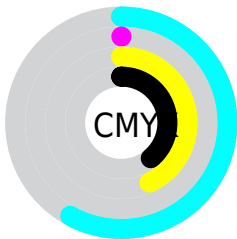
# Distribution



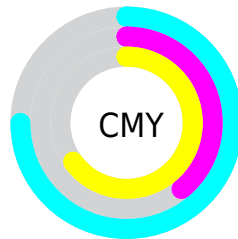
- Red (25%)
- Green (61%)
- Blue (35%)



- Red (25%)
- Yellow (54%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (43%)
- Black (39%)



- Cyan (75%)
- Magenta (39%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 419C59 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 419C59 by changing the saturation by 10% instead.





419C59



419C59

FFFFFF



228141



79D38C



00682A



95F0A6



004F13



B1FFC2



003700



CEFFDE



002200



EBFFFB



000000



419C59



419C59



319C4E



519C64



229C42



609C70

■ 129C37

■ 709C7B

■ 039C2B

■ 7F9C87

■ 009C29

■ 8F9C92

■ 9F9C9E

■ AE9CA9

■ BE9CB5

■ CD9CC0

# Harmonies

## Analogous

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



7B9438



419C59



00A085

# Triad

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



419C59



0091E2



DA6765

# Complementary

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



419C59



9C4184

# 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.



D86490



419C59



8581D9

# Square

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



419C59



009BD4



BC6FBB



C77641

# Rectangle

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



419C59



00A0A3



BC6FBB



DC6573



# Sweetspot

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



419C59



A7CCB1



859C41



506655



E6E6E6



666666



# Same Dimension

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



419C59



3DCC63



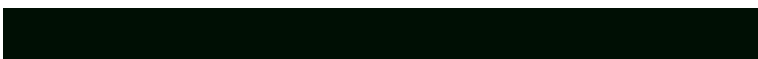
419C85



474F49



008F26



000F04



# Inverse Universe

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



9C4184



CC3DA6



9C4158



4F474D



8F0069



0F000B



# Previews

## White Background



This preview shows how the Hex color 419C59 looks on a white background.

## Color Contrast Check

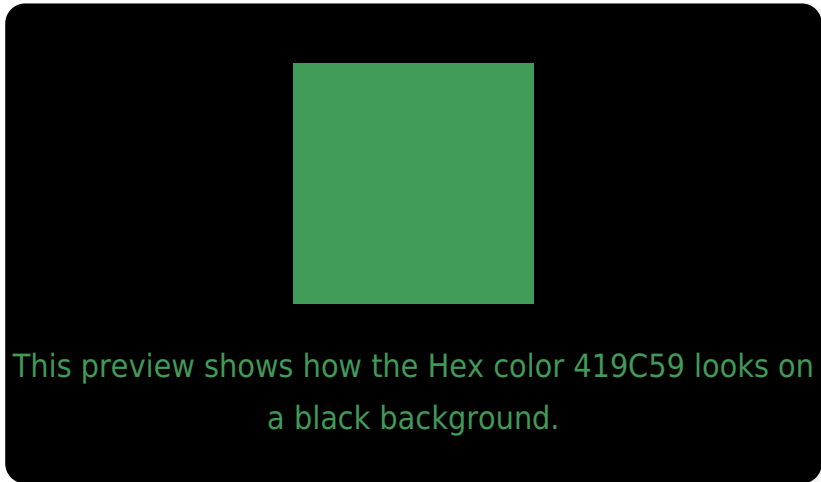
Large Text (above 18pt) WCAG AA ✓ Pass

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

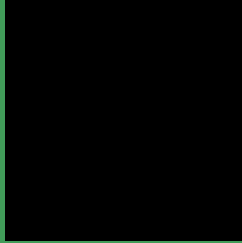
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 419C59 Background



This preview shows how black text looks on a background with the Hex color 419C59.

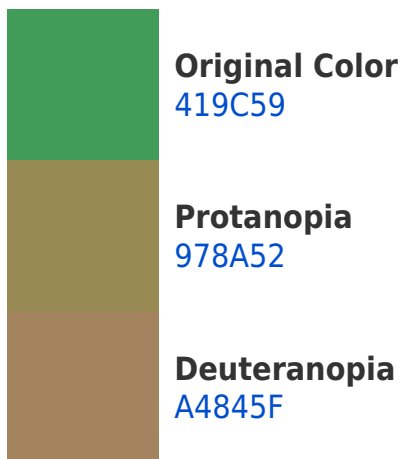


This preview shows how white text looks on a background with the Hex color 419C59.

# 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](#).

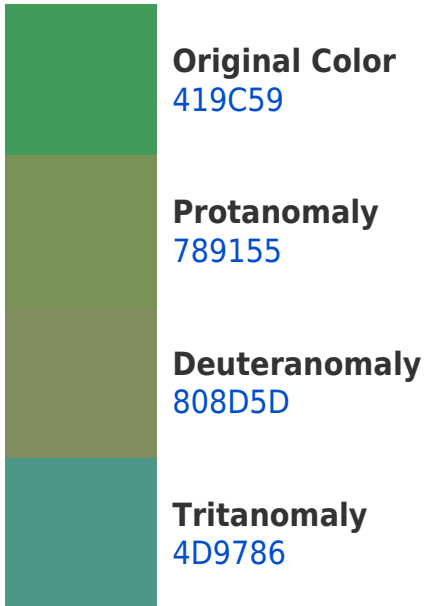
## Dichromacy





**Tritanopia**  
5494A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 419C59 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 #419C59 looks like.

```
.text, #text, p{  
    color:#419C59  
}
```

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 #419C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419C59
}
```

## Border

The CSS property to change the border of an element to Hex 419C59 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
#419C59 }
```

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

```
.border{ border-color:#419C59 }
```

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

Here you see how a box with a 4 pixel #419C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419C59; -webkit-box-shadow:4px 4px  
4px 4px #419C59; box-shadow:4px 4px 4px  
4px #419C59 }
```

# Background

The CSS property to change the background color of an element to Hex 419C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419C59 }
```

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

```
.background{ background-color:#419C59 }
```

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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