

Converting Colors

Hex(419E53)

Have a look what the booklet for
Hex(419E53) contains.

Hex(419E53)	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(419E53)

Conversions

Conversions Part 1

Format	Color
Hex	419E53
RGB	65, 158, 83
RGB Percent	25%, 62%, 33%
CMY	0.7451, 0.3804, 0.6745
CMYK	0.59, 0.00, 0.47, 0.38
HSL	132°, 42%, 44%
HSV	132°, 59%, 62%
XYZ	15.9682, 26.2021, 12.3995
YIQ	121.6430, -31.3530, -43.0410

Conversions

Conversions Part 2

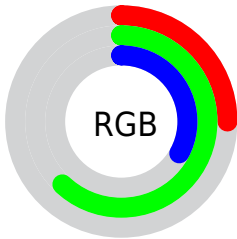
Format	Color
R_{YB}	65, 143, 158
Decimal	4300371
CIE _{Lab}	58.23, -44.06, 31.04
CIE _{LCh}	58, 53.891, 144.835
Yxy	26.2021, 0.2926, 0.4802
Android (android.graphics.Color)	4282490451 (0xFF419E53)
YUV	121.6430, -19.0510, -49.6759
Hunter-Lab	51.1880, -33.8956, 21.4695

Details

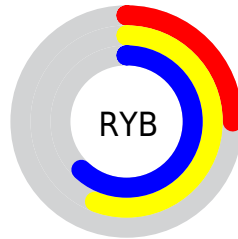
The Hex color **419E53** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E418C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **79D586**, and **006A23** is the 20% darker color. If you saturate the color by 10%, you get **319E46**, and if you desaturate by 10%, it is **519E60**.

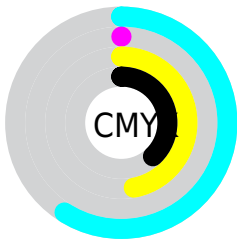
Distribution



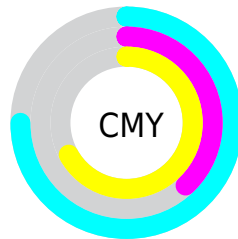
- Red (25%)
- Green (62%)
- Blue (33%)



- Red (25%)
- Yellow (56%)
- Blue (62%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419E53 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 419E53 by changing the saturation by 10% instead.



419E53



419E53

FFFFFF



21833B



79D586



006A23



95F2A0



00510B



B1FFBC



003800



CEFFD8



002300



ECFFF4



000000



419E53



419E53



319E46



519E60



219E3A



619E6C

■ 129E2D

■ 709E79

■ 029E20

■ 809E86

■ 009E1F

■ 909E93

■ A09E9F

■ B09EAC

■ BF9EB9

■ CF9EC6

Harmonies

Analogous

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



7F952F



419E53



00A282

Triad

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



419E53



0094EA



E16467

Complementary

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



419E53



9E418C

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.



DD6196



419E53



7F83E2

Square

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



419E53



009ED8



BE6FC3



CF753F

Rectangle

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



419E53



00A3A3



BE6FC3



E36176

Sweetspot

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



419E53



A9CFB1



8D9E41



526956



E8E8E8



696969

Same Dimension

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



419E53



3CCF58



419E81



474F49



008F1C



000F03

Inverse Universe

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



9E418C



CF3CB2



9E415E



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 419E53 looks on a white background.

Color Contrast Check

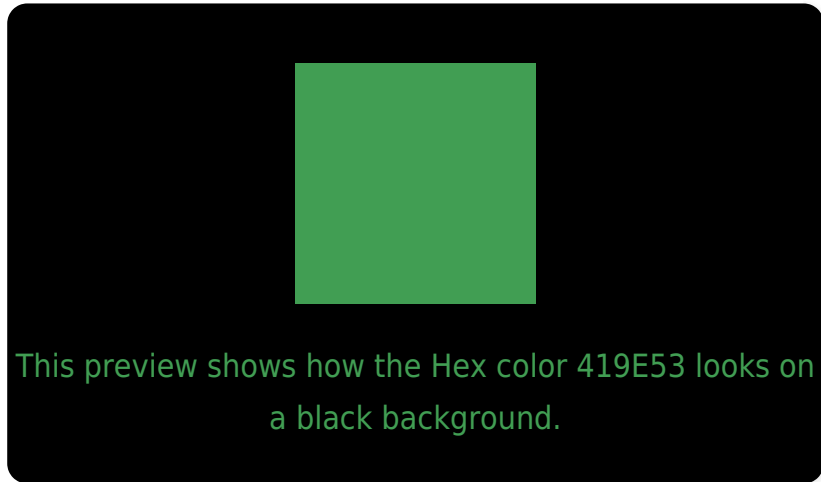
Large Text (above 18pt) WCAG AA ✓ Pass

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 419E53 Background



This preview shows how black text looks on a background with the Hex color 419E53.

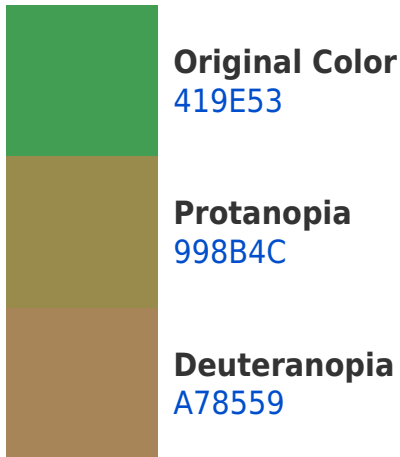


This preview shows how white text looks on a background with the Hex color 419E53.

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](#).

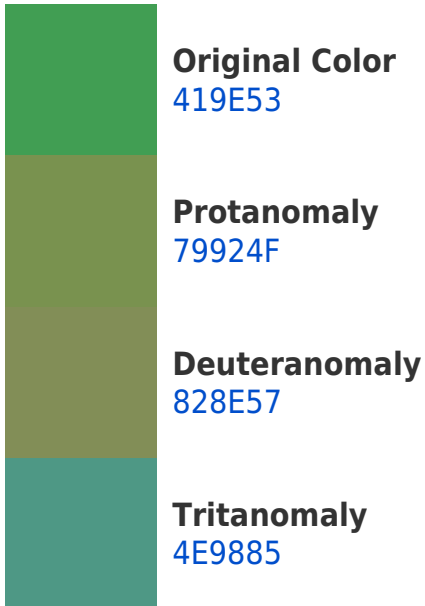
Dichromacy





Tritanopia
5695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419E53 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 #419E53 looks like.

```
.text, #text, p{  
    color:#419E53  
}
```

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 #419E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419E53
}
```

Border

The CSS property to change the border of an element to Hex 419E53 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
#419E53 }
```

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

```
.border{ border-color:#419E53 }
```

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

Here you see how a box with a 4 pixel #419E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419E53; -webkit-box-shadow:4px 4px  
4px 4px #419E53; box-shadow:4px 4px 4px  
4px #419E53 }
```

Background

The CSS property to change the background color of an element to Hex 419E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419E53 }
```

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

```
.background{ background-color:#419E53 }
```

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