

Converting Colors

Hex(419768)

Have a look what the booklet for
Hex(419768) contains.

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Color

Hex(419768)

Conversions

Conversions Part 1

Format	Color
Hex	419768
RGB	65, 151, 104
RGB Percent	25%, 59%, 41%
CMY	0.7451, 0.4078, 0.5922
CMYK	0.57, 0.00, 0.31, 0.41
HSL	147°, 40%, 42%
HSV	147°, 57%, 59%
XYZ	15.7453, 24.2565, 16.9488
YIQ	119.9280, -36.1690, -32.8490

Conversions

Conversions Part 2

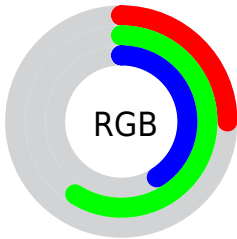
Format	Color
RYB	65, 124, 151
Decimal	4298600
CIELab	56.34, -37.22, 17.14
CIElCh	56, 40.981, 155.269
Yxy	24.2565, 0.2765, 0.4259
Android (android.graphics.Color)	4282488680 (0xFF419768)
YUV	119.9280, -7.8525, -48.1719
Hunter-Lab	49.2509, -29.1235, 14.0720

Details

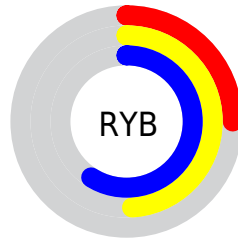
The Hex color **419768** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **974170**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **78CE9B**, and **006339** is the 20% darker color. If you saturate the color by 10%, you get **329760**, and if you desaturate by 10%, it is **509770**.

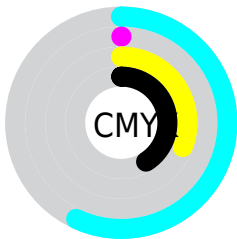
Distribution



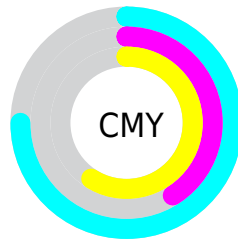
- Red (25%)
- Green (59%)
- Blue (41%)



- Red (25%)
- Yellow (49%)
- Blue (59%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (75%)
- Magenta (41%)
- Yellow (59%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419768 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 419768 by changing the saturation by 10% instead.

 419768

 419768

FFFFFF

 237D50

 78CE9B

 006339

 93EAB6

 004B23

 AFFFD2

 00330D

 CCFEE

 001E00

 E9FFF

 000000

 419768

 419768

 329760

 509770

 239757

 5F9779

■ 14974F

■ 6E9781

■ 059747

■ 7D9789

■ 009744

■ 8D9791

■ 9C979A

■ AB97A2

■ BA97AA

■ C997B2

Harmonies

Analogous

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



71914B



419768



00998C

Triad

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



419768



5689CE



C76F60

Complementary

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



419768



974170

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.



CA6982



419768



927BC1

Square

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



419768



0093C7



B86FA6



B47B46

Rectangle

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



419768



0099A4



B86FA6



CA6C6B

Sweetspot

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



419768



A3C4B2



709741



506359



E3E3E3



636363

Same Dimension

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



419768



3FC47B



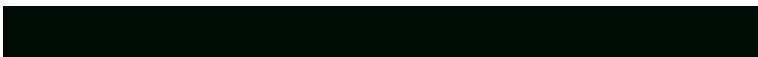
419793



454D48



008C40



000D06

Inverse Universe

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



974170



C43F88



974145



4D4549



8C004D



0D0007

Previews

White Background



This preview shows how the Hex color 419768 looks on a white background.

Color Contrast Check

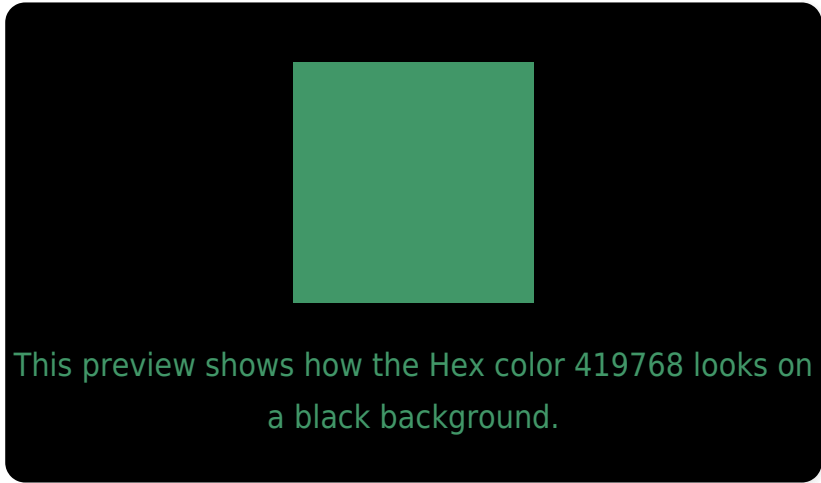
Large Text (above 18pt) WCAG AA ✓ Pass

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

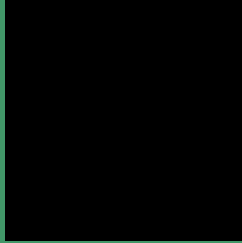
Any Text WCAG AA ✓ Pass

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 419768 Background



This preview shows how black text looks on a background with the Hex color 419768.

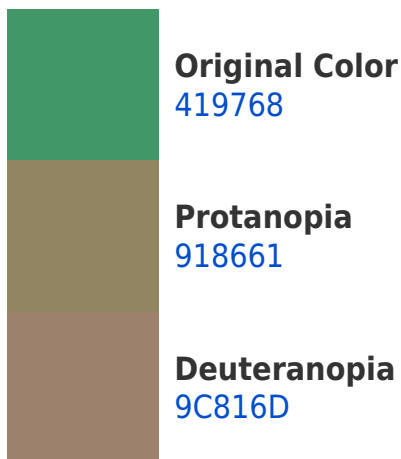


This preview shows how white text looks on a background with the Hex color 419768.

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



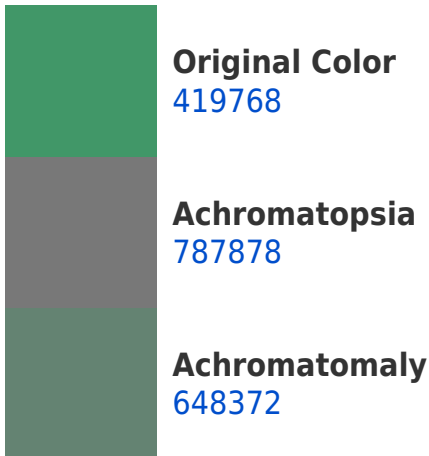


Tritanopia
50909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419768 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 #419768 looks like.

```
.text, #text, p{  
    color:#419768  
}
```

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 #419768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419768
}
```

Border

The CSS property to change the border of an element to Hex 419768 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
#419768 }
```

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

```
.border{ border-color:#419768 }
```

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

Here you see how a box with a 4 pixel #419768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419768; -webkit-box-shadow:4px 4px  
4px 4px #419768; box-shadow:4px 4px 4px  
4px #419768 }
```

Background

The CSS property to change the background color of an element to Hex 419768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419768 }
```

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

```
.background{ background-color:#419768 }
```

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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