

# Converting Colors

Hex(419866)

Have a look what the booklet for  
Hex(419866) contains.

<b>Hex(419866)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(419866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	419866
RGB	65, 152, 102
RGB Percent	25%, 60%, 40%
CMY	0.7451, 0.4039, 0.6000
CMYK	0.57, 0.00, 0.33, 0.40
HSL	146°, 40%, 43%
HSV	146°, 57%, 60%
XYZ	15.8065, 24.5396, 16.4739
YIQ	120.2870, -35.8020, -33.9940

# Conversions

## Conversions Part 2

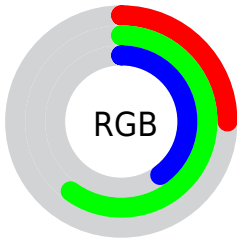
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 126, 152
Decimal	4298854
CIELab	56.62, -38.08, 18.64
CIELCh	57, 42.394, 153.913
Yxy	24.5396, 0.2782, 0.4319
Android (android.graphics.Color)	4282488934 (0xFF419866)
YUV	120.2870, -9.0155, -48.4867
Hunter-Lab	49.5375, -29.7345, 14.9591

# Details

The Hex color **419866** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **984173**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **78CF99**, and **006437** is the 20% darker color. If you saturate the color by 10%, you get **32985D**, and if you desaturate by 10%, it is **50986F**.

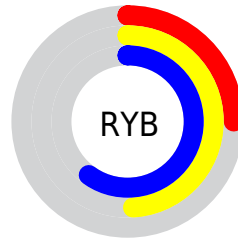
# Distribution



Red (25%)

Green (60%)

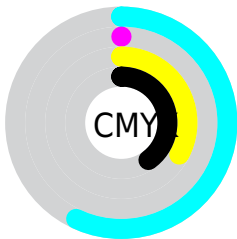
Blue (40%)



Red (25%)

Yellow (49%)

Blue (60%)

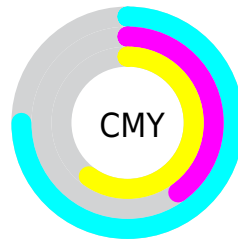


Cyan (57%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (75%)

Magenta (40%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 419866 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 419866 by changing the saturation by 10% instead.



 419866

 419866

FFFFFF

 237E4E

 78CF99

 006437

 94EBB4

 004B21

 B0FFD0

 00340B

 CCFEFC

 001F00

 E9FFFF

 000000

 419866

 419866

 32985D

 50986F

 239855

 5F9877

■ 13984C

■ 6F9880

■ 049843

■ 7E9889

■ 009841

■ 8D9892

■ 9C989A

■ AB98A3

■ BB98AC

■ CA98B5

# Harmonies

## Analogous

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



739248



419866



009B8C

# Triad

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



419866



508AD1



CA6E61

# Complementary

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



419866



984173

# 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.



CC6984



419866



917CC5

# Square

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



419866



0094C9



B96FA9



B87A46

# Rectangle

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



419866



009AA5



B96FA9



CD6B6C



# Sweetspot

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



419866



A3C4B1



749841



506358



E3E3E3



636363



# Same Dimension

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



419866



3DC476



419891



454D48



008C3C



000D05



# Inverse Universe

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



984173



C43D8B



984148



4D4549



8C0051



0D0007



# Previews

## White Background



This preview shows how the Hex color 419866 looks on a white background.

## Color Contrast Check

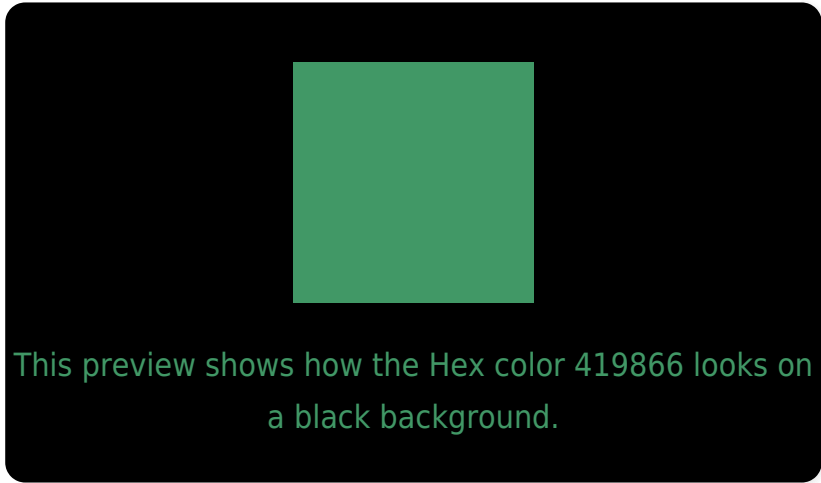
Large Text (above 18pt) WCAG AA ✓ Pass

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

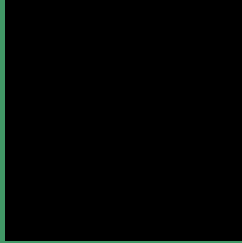
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 419866 Background



This preview shows how black text looks on a background with the Hex color 419866.

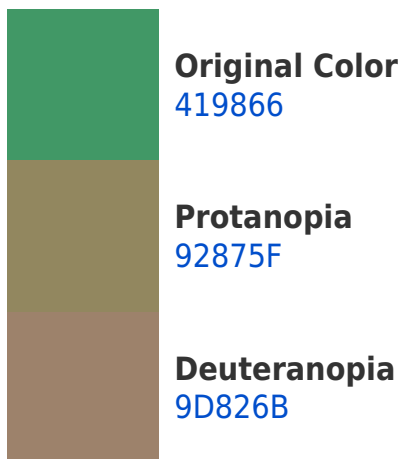



This preview shows how white text looks on a background with the Hex color 419866.

# 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](#).

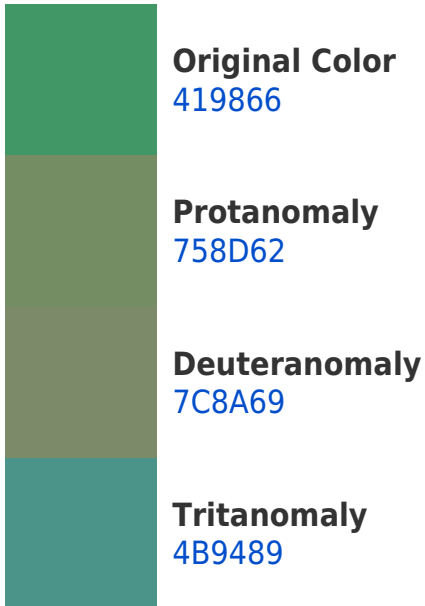
## Dichromacy





**Tritanopia**  
51919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 419866 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 #419866 looks like.

```
.text, #text, p{  
    color:#419866  
}
```

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 #419866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419866
}
```

## Border

The CSS property to change the border of an element to Hex 419866 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
#419866 }
```

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

```
.border{ border-color:#419866 }
```

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

Here you see how a box with a 4 pixel #419866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419866; -webkit-box-shadow:4px 4px  
4px 4px #419866; box-shadow:4px 4px 4px  
4px #419866 }
```

# Background

The CSS property to change the background color of an element to Hex 419866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419866 }
```

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

```
.background{ background-color:#419866 }
```

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