

# Converting Colors

Hex(418731)

Have a look what the booklet for  
Hex(418731) contains.

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**Color**

**Hex(418731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	418731
RGB	65, 135, 49
RGB Percent	25%, 53%, 19%
CMY	0.7451, 0.4706, 0.8078
CMYK	0.52, 0.00, 0.64, 0.47
HSL	109°, 47%, 36%
HSV	109°, 64%, 53%
XYZ	11.3983, 18.6735, 5.9093
YIQ	104.2660, -14.1140, -41.5860

# Conversions

## Conversions Part 2

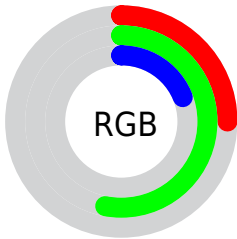
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 135, 119
Decimal	4294449
CIE <sub>Lab</sub>	50.30, -39.22, 38.59
CIE <sub>LCh</sub>	50, 55.025, 135.462
Yxy	18.6735, 0.3168, 0.5190
Android (android.graphics.Color)	4282484529 (0xFF418731)
YUV	104.2660, -27.2461, -34.4363
Hunter-Lab	43.2129, -28.5393, 22.1411

# Details

The Hex color **418731** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **773187**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **77BD63**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **368724**, and if you desaturate by 10%, it is **4C873E**.

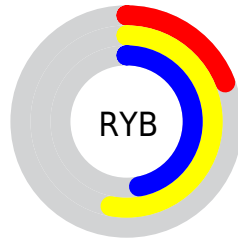
# Distribution



Red (25%)

Green (53%)

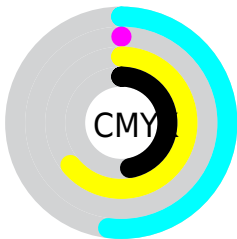
Blue (19%)



Red (19%)

Yellow (53%)

Blue (47%)

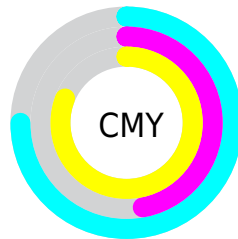


Cyan (52%)

Magenta (0%)

Yellow (64%)

Black (47%)



Cyan (75%)

Magenta (47%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 418731 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 418731 by changing the saturation by 10% instead.



 418731

 418731

FFFFFF

 256D18

 77BD63

 005400

 92D97D

 003C00

 AEF697

 002700

 CAFFB2

 000200

 E7FFCE

 000000

 FFFFEB

 418731

 418731

 368724

 4C873E

 2B8716

 57874C

 208708

 62875A

 198700

 6D8767

 788775

 838782

 8E8790

 99879D

 A487AB

# Harmonies

## Analogous

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



787D0B



418731



008C5F

# Triad

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



418731



0083D2



CC4A61

# Complementary

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



418731



773187

# 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.



C14D91



418731



4775D2

# Square

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



418731



008BBA



9960BA



C05A36

# Rectangle

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



418731



008E7F



9960BA



CB4971



# Sweetspot

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



418731



95B08F



877631



495945



D9D9D9



595959



# Same Dimension

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



418731



43B02A



31874B



3D423C



188200



000300



# Inverse Universe

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



773187



972AB0



87316D



413C42



6A0082



020003



# Previews

## White Background



This preview shows how the Hex color 418731 looks on a white background.

## Color Contrast Check

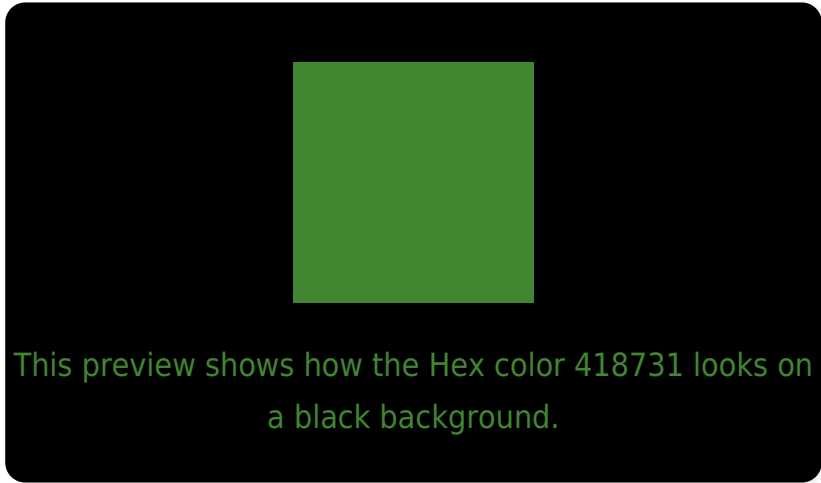
Large Text (above 18pt) WCAG AA ✓ Pass

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 418731 Background



This preview shows how black text looks on a background with the Hex color 418731.



This preview shows how white text looks on a background with the Hex color 418731.

# 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



**Original Color**  
418731

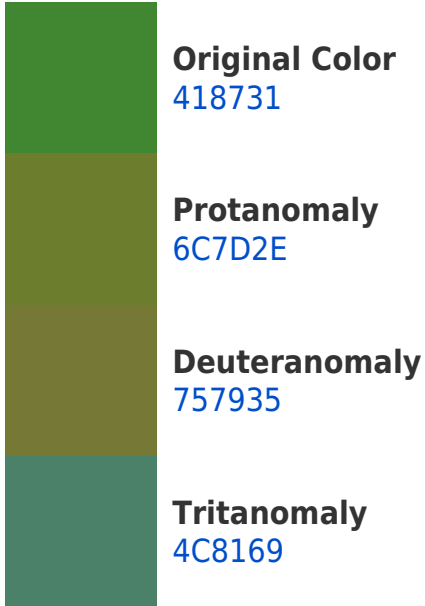
**Protanopia**  
85772D

**Deuteranopia**  
937138

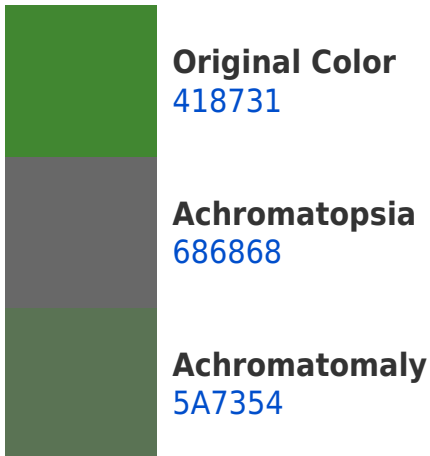


**Tritanopia**  
527E89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 418731 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 #418731 looks like.

```
.text, #text, p{  
    color:#418731  
}
```

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 #418731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418731
}
```

## Border

The CSS property to change the border of an element to Hex 418731 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".

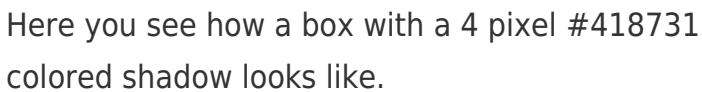
```
.border, #border, table{ border:4px solid
#418731 }
```

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

```
.border{ border-color:#418731 }
```

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

Here you see how a box with a 4 pixel #418731 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418731; -webkit-box-shadow:4px 4px  
4px 4px #418731; box-shadow:4px 4px 4px  
4px #418731 }
```

# Background

The CSS property to change the background color of an element to Hex 418731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418731 }
```

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

```
.background{ background-color:#418731 }
```

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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