

# Converting Colors

Hex(418300)

Have a look what the booklet for  
Hex(418300) contains.

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**Color**

**Hex(418300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	418300
RGB	65, 131, 0
RGB Percent	25%, 51%, 0%
CMY	0.7451, 0.4863, 1.0000
CMYK	0.50, 0.00, 1.00, 0.49
HSL	90°, 100%, 26%
HSV	90°, 100%, 51%
XYZ	10.2963, 17.3564, 2.8075
YIQ	96.3320, 2.7150, -54.7330

# Conversions

## Conversions Part 2

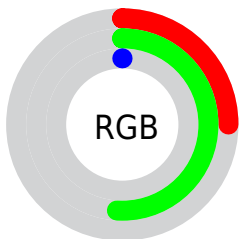
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 66
Decimal	4293376
CIELab	48.71, -40.55, 52.48
CIELCh	49, 66.321, 127.697
Yxy	17.3564, 0.3380, 0.5698
Android (android.graphics.Color)	4282483456 (0xFF418300)
YUV	96.3320, -47.4917, -27.4782
Hunter-Lab	41.6610, -28.7916, 25.1673

# Details

The Hex color **418300** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **420083**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **78B941**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **418300**, and if you desaturate by 10%, it is **48830D**.

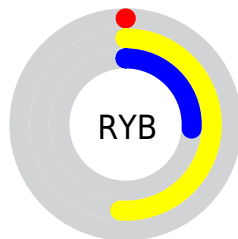
# Distribution



Red (25%)

Green (51%)

Blue (0%)



Red (0%)

Yellow (51%)

Blue (26%)

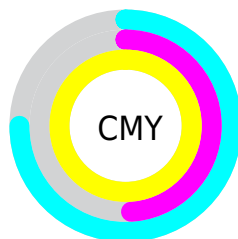


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 418300 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 418300 by changing the saturation by 10% instead.



 418300

 418300

FFFFFF

 236900

 78B941

 005100

 94D55B

 003900

 B0F176

 002500

 CDFF91

 000000

 EAFFAD

 FFFFC9

 FFFFEE

 418300

 48830D

 4E831A

 558327

 5B8334

 628342

 69834F

 6F835C

 768369

 7C8376

# Harmonies

## Analogous

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



7F7600



418300



008A46

# Triad

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



418300



0085DC



D53168

# Complementary

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



418300



420083

# 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.



C13F9F



418300



0076E4

# Square

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



418300



008BB7



865DCD



CC4532

# Rectangle

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



418300



008C6E



865DCD



D2317B



# Sweetspot

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



418300



91AB78



834200



475737



D6D6D6



575757



# Same Dimension

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



418300



55AB00



008300



3F423C



418200



010300



# Inverse Universe

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



420083



5600AB



830083



3F3C42



420082



010003



# Previews

## White Background



This preview shows how the Hex color 418300 looks on a white background.

## Color Contrast Check

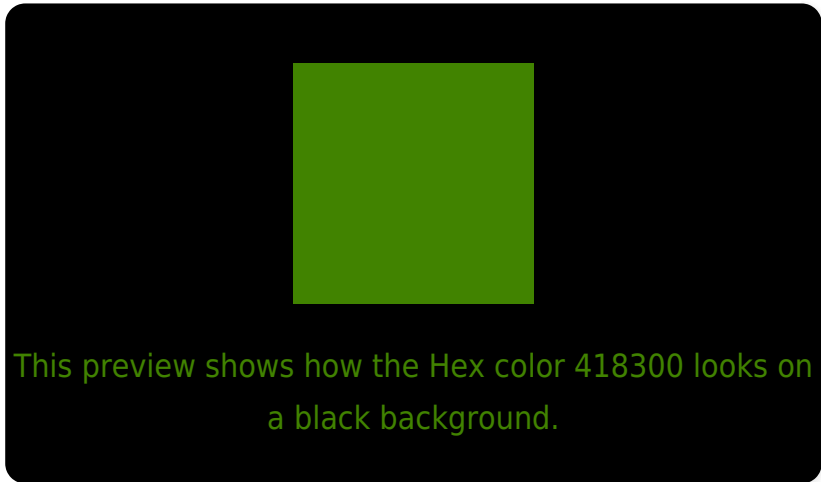
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 418300 Background



This preview shows how black text looks on a background with the Hex color 418300.



This preview shows how white text looks on a background with the Hex color 418300.

# 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**  
418300

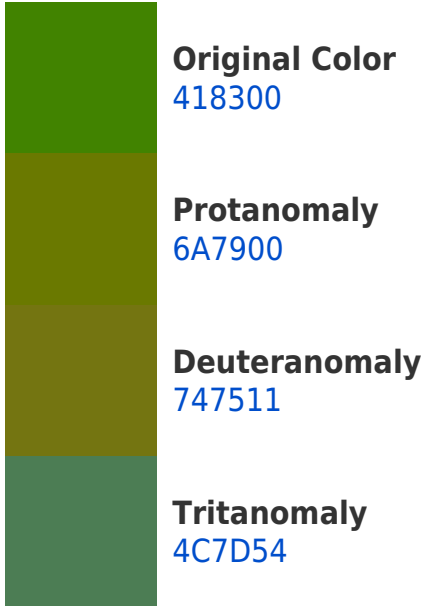
**Protanopia**  
827400

**Deuteranopia**  
916D1B

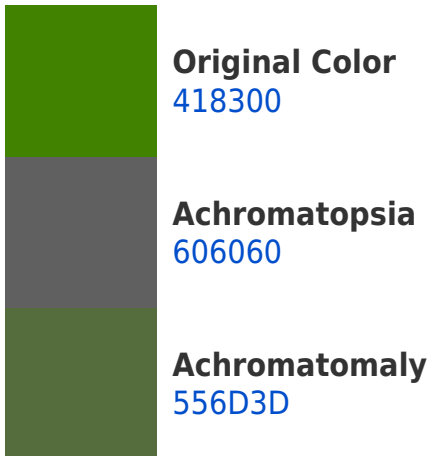


**Tritanopia**  
537A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 418300 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 #418300 looks like.

```
.text, #text, p{  
    color:#418300  
}
```

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 #418300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418300
}
```

## Border

The CSS property to change the border of an element to Hex 418300 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".

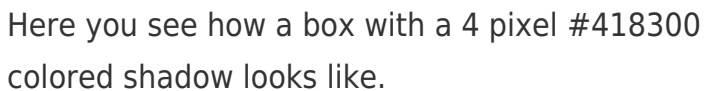
```
.border, #border, table{ border:4px solid
#418300 }
```

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

```
.border{ border-color:#418300 }
```

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

Here you see how a box with a 4 pixel #418300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418300; -webkit-box-shadow:4px 4px  
4px 4px #418300; box-shadow:4px 4px 4px  
4px #418300 }
```

# Background

The CSS property to change the background color of an element to Hex 418300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418300 }
```

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

```
.background{ background-color:#418300 }
```

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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