

Converting Colors

Hex(418013)

Have a look what the booklet for
Hex(418013) contains.

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Color

Hex(418013)

Conversions

Conversions Part 1

Format	Color
Hex	418013
RGB	65, 128, 19
RGB Percent	25%, 50%, 7%
CMY	0.7451, 0.4980, 0.9255
CMYK	0.49, 0.00, 0.85, 0.50
HSL	95°, 74%, 29%
HSV	95°, 85%, 50%
XYZ	10.0167, 16.6092, 3.2941
YIQ	96.7370, -2.5590, -47.2550

Conversions

Conversions Part 2

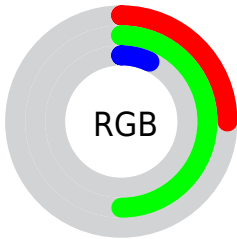
Format	Color
RYB	19, 128, 82
Decimal	4292627
CIELab	47.76, -38.67, 47.62
CIElCh	48, 61.342, 129.079
Yxy	16.6092, 0.3348, 0.5551
Android (android.graphics.Color)	4282482707 (0xFF418013)
YUV	96.7370, -38.3243, -27.8333
Hunter-Lab	40.7544, -27.4480, 23.7358

Details

The Hex color **418013** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **521380**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **77B54A**, and **024E00** is the 20% darker color. If you saturate the color by 10%, you get **3A8006**, and if you desaturate by 10%, it is **488020**.

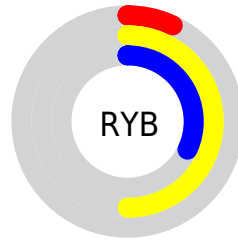
Distribution



Red (25%)

Green (50%)

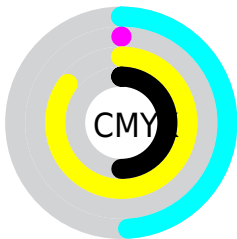
Blue (7%)



Red (7%)

Yellow (50%)

Blue (32%)

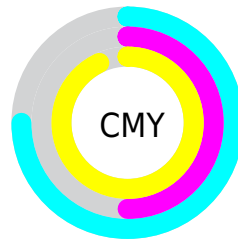


Cyan (49%)

Magenta (0%)

Yellow (85%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418013 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 418013 by changing the saturation by 10% instead.

 418013

 418013

FFFFFF

 256700

 77B54A

 024E00

 93D164

 003600

 AFEE7E

 002200

 CBFF99

 000000

 E8FFB4

 FFFFD1

 FFFFED

 418013

 418013

■ 3A8006

■ 488020

■ 368000

■ 50802D

■ 578039

■ 5F8046

■ 668053

■ 6D8060

■ 75806D

■ 7C8079

■ 848086

Harmonies

Analogous

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



7A7400



418013



00864A

Triad

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



418013



0081D2



CC3864

Complementary

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



418013



521380

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.



BA4297



418013



0073D8

Square

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



418013



0087B2



865CC2



C34932

Rectangle

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



418013



00886E



865CC2



CA3875

Sweetspot

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



418013



8DA67B



805113



45543A



D4D4D4



545454

Same Dimension

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



418013



46A600



13801A



3C4039



368000



000000

Inverse Universe

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



521380



6000A6



801379



3D3940



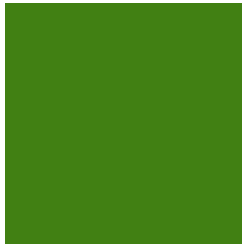
4A0080



000000

Previews

White Background



This preview shows how the Hex color 418013 looks on a white background.

Color Contrast Check

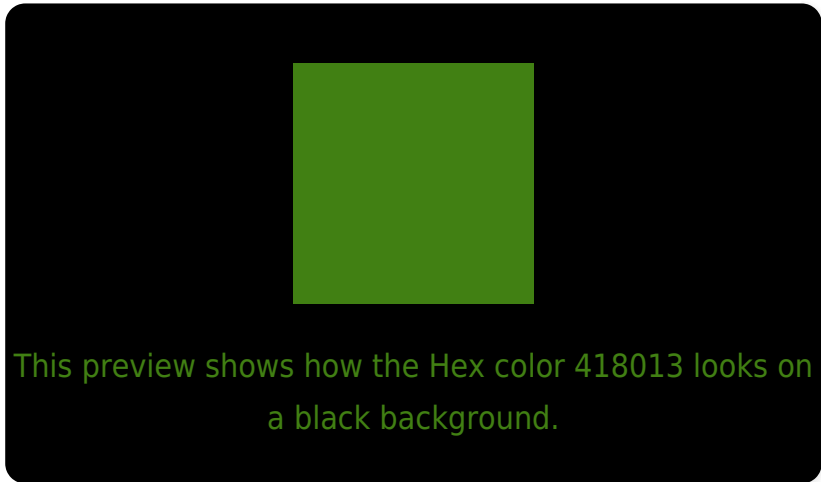
Large Text (above 18pt) WCAG AA ✓ Pass

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 418013 Background



This preview shows how black text looks on a background with the Hex color 418013.



This preview shows how white text looks on a background with the Hex color 418013.

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
418013

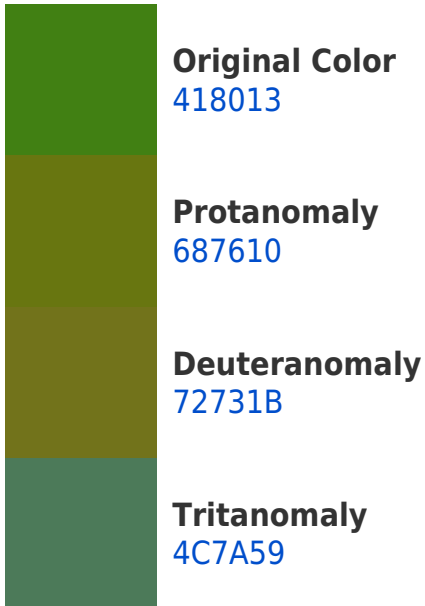
Protanopia
7F710E

Deuteranopia
8E6B20

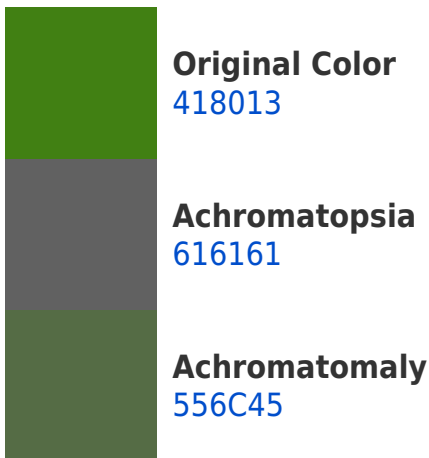


Tritanopia
527781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418013 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 #418013 looks like.

```
.text, #text, p{  
    color:#418013  
}
```

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 #418013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418013
}
```

Border

The CSS property to change the border of an element to Hex 418013 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".

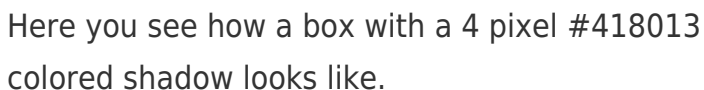
```
.border, #border, table{ border:4px solid
#418013 }
```

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

```
.border{ border-color:#418013 }
```

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

Here you see how a box with a 4 pixel #418013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418013; -webkit-box-shadow:4px 4px  
4px 4px #418013; box-shadow:4px 4px 4px  
4px #418013 }
```

Background

The CSS property to change the background color of an element to Hex 418013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418013 }
```

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

```
.background{ background-color:#418013 }
```

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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