

# Converting Colors

Hex(418B4E)

Have a look what the booklet for  
Hex(418B4E) contains.

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# Color

Hex(418B4E)

# Conversions

## Conversions Part 1

Format	Color
Hex	418B4E
RGB	65, 139, 78
RGB Percent	25%, 55%, 31%
CMY	0.7451, 0.4549, 0.6941
CMYK	0.53, 0.00, 0.44, 0.45
HSL	131°, 36%, 40%
HSV	131°, 53%, 55%
XYZ	12.7877, 20.1391, 10.4210
YIQ	109.9200, -24.5230, -34.6590

# Conversions

## Conversions Part 2

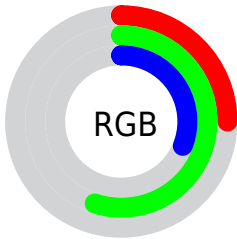
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 128, 139
Decimal	4295502
CIE Lab	51.99, -36.87, 25.75
CIE LCh	52, 44.972, 145.075
Yxy	20.1391, 0.2950, 0.4646
Android (android.graphics.Color)	4282485582 (0xFF418B4E)
YUV	109.9200, -15.7366, -39.3948
Hunter-Lab	44.8766, -27.6699, 17.6457

# Details

The Hex color **418B4E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B417E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **76C180**, and **005820** is the 20% darker color. If you saturate the color by 10%, you get **338B43**, and if you desaturate by 10%, it is **4F8B59**.

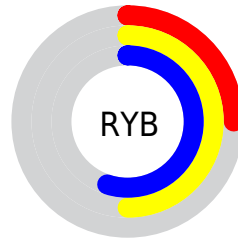
# Distribution



Red (25%)

Green (55%)

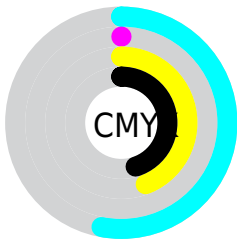
Blue (31%)



Red (25%)

Yellow (50%)

Blue (55%)

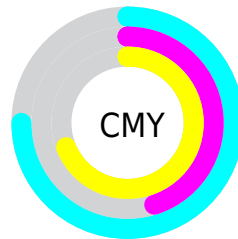


Cyan (53%)

Magenta (0%)

Yellow (44%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 418B4E 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 418B4E by changing the saturation by 10% instead.



 418B4E

 418B4E

FFFFFF

 257136

 76C180

 005820

 92DD9A

 004009

 ADFAB5

 002A00

 CAFFD1

 000D00

 E6FFED

 000000

 418B4E

 418B4E

 338B43

 4F8B59

 258B37

 5D8B65

 178B2C

 6B8B70

 098B20

 798B7C

 008B18

 868B87

 948B93

 A28B9E

 B08BAA

 BE8BB5

# Harmonies

## Analogous

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



728332



418B4E



008F74

# Triad

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



418B4E



0082C9



C35D5E

# Complementary

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



418B4E



8B417E

# 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.



BF5B84



418B4E



7374C2

# Square

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



418B4E



008BBA



A565A9



B4693D

# Rectangle

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



418B4E



008F8F



A565A9



C45B6A



# Sweetspot

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



418B4E



98B59D



7F8B41



4A5C4D



DBDBDB



5C5C5C



# Same Dimension

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



418B4E



41B556



418B72



3E453F



008517



000501



# Inverse Universe

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



8B417E



B541A1



8B415A



453E44



85006D



050004



# Previews

## White Background



This preview shows how the Hex color 418B4E looks on a white background.

## Color Contrast Check

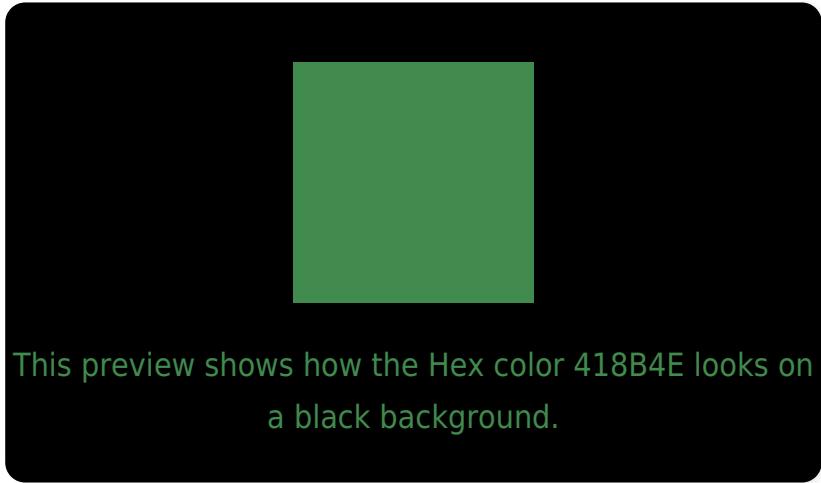
Large Text (above 18pt) WCAG AA ✓ Pass

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

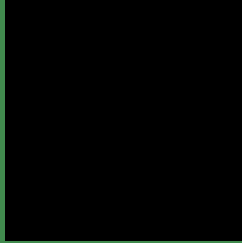
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 418B4E Background



This preview shows how black text looks on a background with the Hex color 418B4E.



This preview shows how white text looks on a background with the Hex color 418B4E.

# 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**  
418B4E

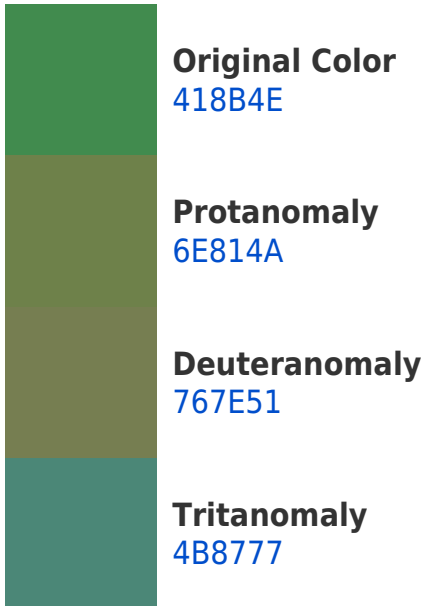
**Protanopia**  
877B48

**Deuteranopia**  
947653



**Tritanopia**  
51848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 418B4E 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 #418B4E looks like.

```
.text, #text, p{  
    color:#418B4E  
}
```

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 #418B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418B4E
}
```

## Border

The CSS property to change the border of an element to Hex 418B4E 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
#418B4E }
```

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

```
.border{ border-color:#418B4E }
```

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

Here you see how a box with a 4 pixel #418B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418B4E; -webkit-box-shadow:4px 4px  
4px 4px #418B4E; box-shadow:4px 4px 4px  
4px #418B4E }
```

# Background

The CSS property to change the background color of an element to Hex 418B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418B4E }
```

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

```
.background{ background-color:#418B4E }
```

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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