

Converting Colors

Hex(418B23)

Have a look what the booklet for
Hex(418B23) contains.

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Color

Hex(418B23)

Conversions

Conversions Part 1

Format	Color
Hex	418B23
RGB	65, 139, 35
RGB Percent	25%, 55%, 14%
CMY	0.7451, 0.4549, 0.8627
CMYK	0.53, 0.00, 0.75, 0.45
HSL	103°, 60%, 34%
HSV	103°, 75%, 55%
XYZ	11.7160, 19.7104, 4.7771
YIQ	105.0180, -10.7200, -48.0320

Conversions

Conversions Part 2

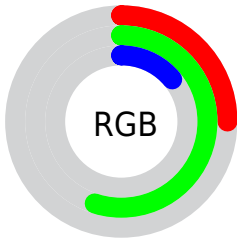
Format	Color
R_{YB}	35, 139, 109
Decimal	4295459
CIE _{Lab}	51.51, -42.15, 45.85
CIE _{LCh}	52, 62.280, 132.587
Yxy	19.7104, 0.3236, 0.5444
Android (android.graphics.Color)	4282485539 (0xFF418B23)
YUV	105.0180, -34.5189, -35.0958
Hunter-Lab	44.3964, -30.5885, 24.6978

Details

The Hex color **418B23** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6D238B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **78C157**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **378B15**, and if you desaturate by 10%, it is **4B8B31**.

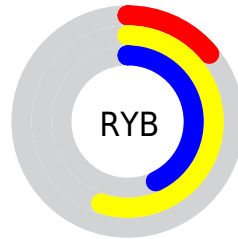
Distribution



Red (25%)

Green (55%)

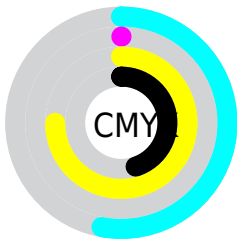
Blue (14%)



Red (14%)

Yellow (55%)

Blue (43%)

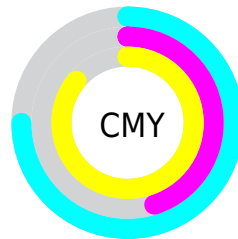


Cyan (53%)

Magenta (0%)

Yellow (75%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418B23 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 418B23 by changing the saturation by 10% instead.



418B23



418B23

FFFFFF



237102



78C157



005800



94DD71



004000



B0FA8B



002A00



CDFFA7



000A00



EAFFC2



000000



FFFFDF



FFFFFC



418B23



418B23

■ 378B15

■ 4B8B31

■ 2D8B07

■ 558B3F

■ 288B00

■ 5F8B4D

■ 698B5B

■ 728B69

■ 7C8B76

■ 868B84

■ 908B92

■ 9A8BA0

Harmonies

Analogous

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



7F7F00



418B23



009159

Triad

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



418B23



0089E1



D94267

Complementary

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



418B23



6D238B

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.



CA499C



418B23



227AE3

Square

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



418B23



0091C2



9962CA



CD5534

Rectangle

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



418B23



00937E



9962CA



D84178

Sweetspot

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



418B23



99B58D



8B6C23



4B5C44



DBDBDB



5C5C5C

Same Dimension

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



418B23



41B512



238B38



40453E



268500



010500

Inverse Universe

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



6D238B



8612B5



8B2376



433E45



5E0085



040005

Previews

White Background



This preview shows how the Hex color 418B23 looks on a white background.

Color Contrast Check

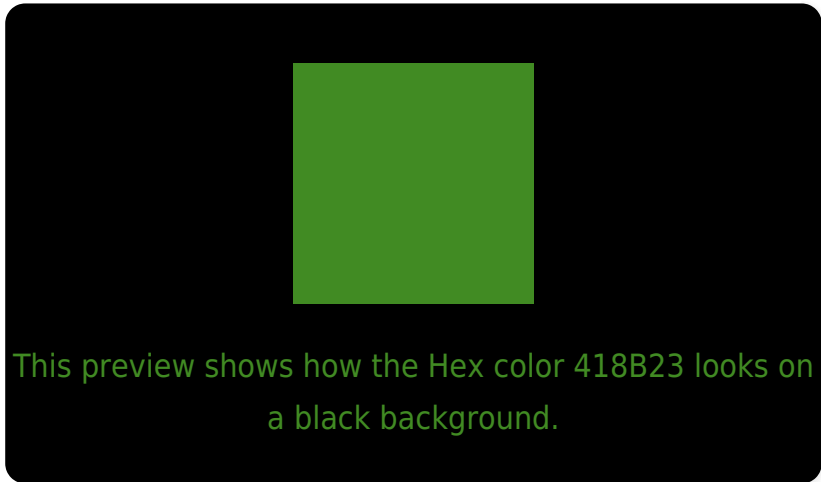
Large Text (above 18pt) WCAG AA ✓ Pass

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

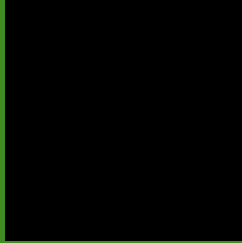
Any Text WCAG AA ✓ Pass

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 418B23 Background



This preview shows how black text looks on a background with the Hex color 418B23.



This preview shows how white text looks on a background with the Hex color 418B23.

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
418B23

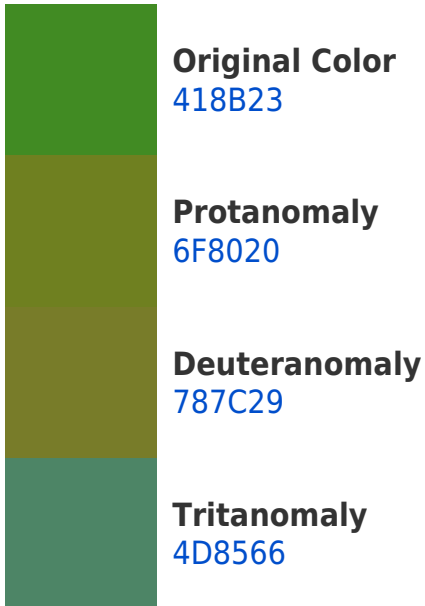
Protanopia
897A1F

Deuteranopia
98742C

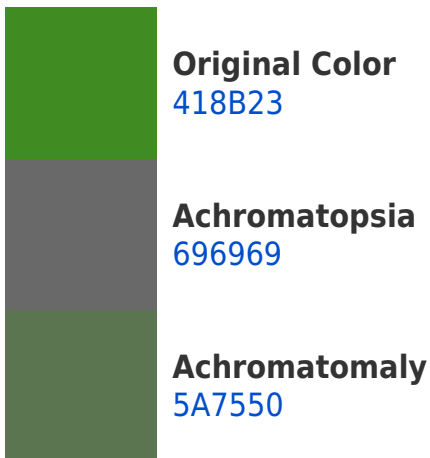


Tritanopia
54828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418B23 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 #418B23 looks like.

```
.text, #text, p{  
    color:#418B23  
}
```

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 #418B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418B23
}
```

Border

The CSS property to change the border of an element to Hex 418B23 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
#418B23 }
```

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

```
.border{ border-color:#418B23 }
```

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

Here you see how a box with a 4 pixel #418B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418B23; -webkit-box-shadow:4px 4px  
4px 4px #418B23; box-shadow:4px 4px 4px  
4px #418B23 }
```

Background

The CSS property to change the background color of an element to Hex 418B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418B23 }
```

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

```
.background{ background-color:#418B23 }
```

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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