

Converting Colors

Hex(438B2B)

Have a look what the booklet for
Hex(438B2B) contains.

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Color

Hex(438B2B)

Conversions

Conversions Part 1

Format	Color
Hex	438B2B
RGB	67, 139, 43
RGB Percent	26%, 55%, 17%
CMY	0.7373, 0.4549, 0.8314
CMYK	0.52, 0.00, 0.69, 0.45
HSL	105°, 53%, 36%
HSV	105°, 69%, 55%
XYZ	11.9834, 19.8329, 5.4821
YIQ	106.5280, -12.0960, -45.1200

Conversions

Conversions Part 2

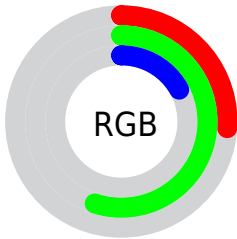
Format	Color
R_{YB}	43, 139, 115
Decimal	4426539
CIE _{Lab}	51.65, -40.87, 42.78
CIE _{LCh}	52, 59.166, 133.689
Yxy	19.8329, 0.3213, 0.5317
Android (android.graphics.Color)	4282616619 (0xFF438B2B)
YUV	106.5280, -31.3193, -34.6661
Hunter-Lab	44.5342, -29.9035, 23.8755

Details

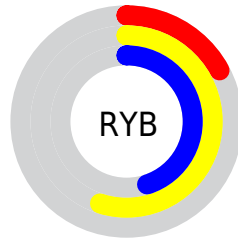
The Hex color **438B2B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **732B8B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7AC15E**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **398B1D**, and if you desaturate by 10%, it is **4D8B39**.

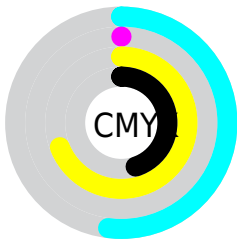
Distribution



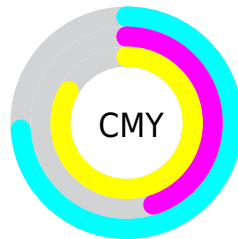
- Red (26%)
- Green (55%)
- Blue (17%)



- Red (17%)
- Yellow (55%)
- Blue (45%)



- Cyan (52%)
- Magenta (0%)
- Yellow (69%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438B2B 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 438B2B by changing the saturation by 10% instead.



438B2B



438B2B

FFFFFF



26710F



7AC15E



005800



95DD78



004000



B1FA92



002A00



CEFFAD



000B00



EBFFC9



000000



FFFFE6



438B2B



438B2B



398B1D



4D8B39

■ 2E8B0F

■ 588B47

■ 248B01

■ 628B55

■ 238B00

■ 6D8B63

■ 778B71

■ 828B7E

■ 8C8B8C

■ 968B9A

■ A18BA8

Harmonies

Analogous

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



7E8000



438B2B



00915D

Triad

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



438B2B



0089DC



D64866

Complementary

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



438B2B



732B8B

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.



C84D99



438B2B



3879DE

Square

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



438B2B



0090C0



9B63C5



C95937

Rectangle

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



438B2B



009280



9B63C5



D44777

Sweetspot

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



438B2B



99B58F



8B732B



4B5C45



DBDBDB



5C5C5C

Same Dimension

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



438B2B



44B51F



2B8B43



40453E



218500



010500

Inverse Universe

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



732B8B



8F1FB5



8B2B73



433E45



630085



040005

Previews

White Background



This preview shows how the Hex color 438B2B looks on a white background.

Color Contrast Check

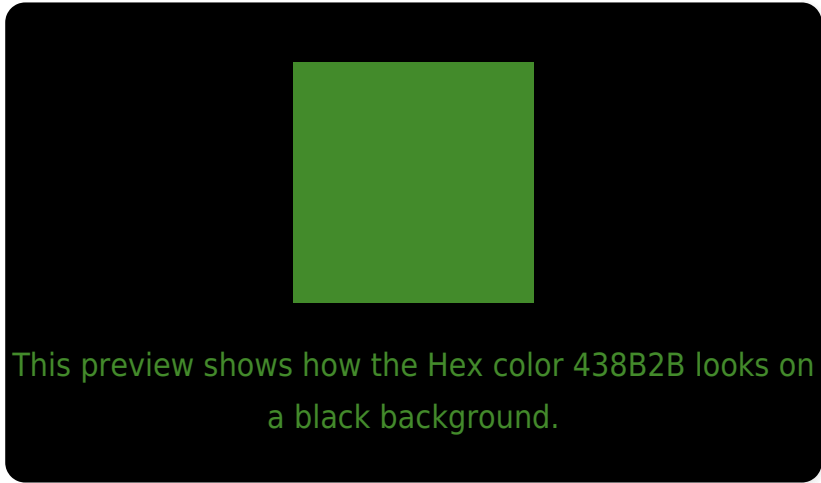
Large Text (above 18pt) WCAG AA ✓ Pass

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

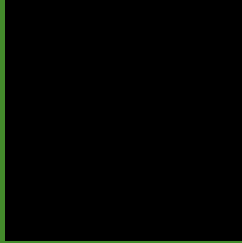
Any Text WCAG AA ✓ Pass

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 438B2B Background



This preview shows how black text looks on a background with the Hex color 438B2B.




This preview shows how white text looks on a background with the Hex color 438B2B.

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](#).

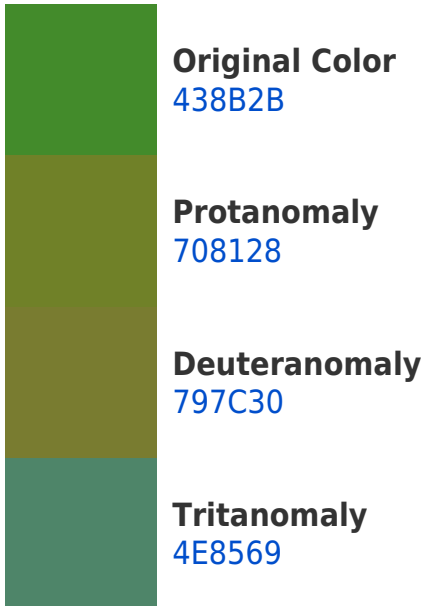
Dichromacy



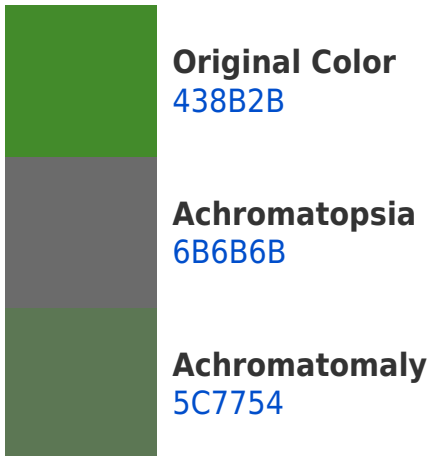


Tritanopia
55828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 438B2B 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 #438B2B looks like.

```
.text, #text, p{  
    color:#438B2B  
}
```

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 #438B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438B2B
}
```

Border

The CSS property to change the border of an element to Hex 438B2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

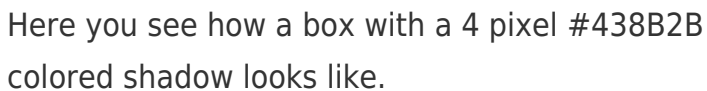
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#438B2B }
```

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

```
.border{ border-color:#438B2B }
```

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



Here you see how a box with a 4 pixel #438B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438B2B; -webkit-box-shadow:4px 4px  
4px 4px #438B2B; box-shadow:4px 4px 4px  
4px #438B2B }
```

Background

The CSS property to change the background color of an element to Hex 438B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438B2B }
```

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

```
.background{ background-color:#438B2B }
```

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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