

Converting Colors

Hex(438A31)

Have a look what the booklet for
Hex(438A31) contains.

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Color

Hex(438A31)

Conversions

Conversions Part 1

Format	Color
Hex	438A31
RGB	67, 138, 49
RGB Percent	26%, 54%, 19%
CMY	0.7373, 0.4588, 0.8078
CMYK	0.51, 0.00, 0.64, 0.46
HSL	108°, 48%, 37%
HSV	108°, 64%, 54%
XYZ	11.9576, 19.5920, 6.0571
YIQ	106.6250, -13.7470, -42.7310

Conversions

Conversions Part 2

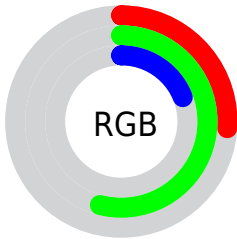
Format	Color
R_{YB}	49, 138, 120
Decimal	4426289
CIE _{Lab}	51.37, -39.86, 39.81
CIE _{LCh}	51, 56.338, 135.037
Yxy	19.5920, 0.3180, 0.5210
Android (android.graphics.Color)	4282616369 (0xFF438A31)
YUV	106.6250, -28.4091, -34.7511
Hunter-Lab	44.2629, -29.2383, 22.8705

Details

The Hex color **438A31** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **78318A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **79C063**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **388A23**, and if you desaturate by 10%, it is **4E8A3F**.

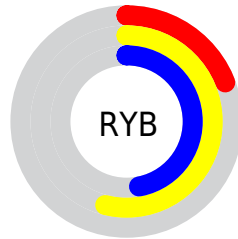
Distribution



Red (26%)

Green (54%)

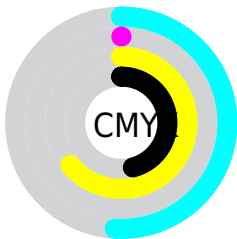
Blue (19%)



Red (19%)

Yellow (54%)

Blue (47%)

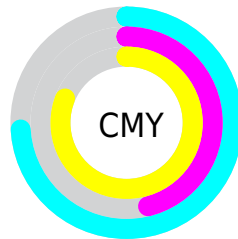


Cyan (51%)

Magenta (0%)

Yellow (64%)

Black (46%)



Cyan (74%)

Magenta (46%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 438A31 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 438A31 by changing the saturation by 10% instead.



438A31



438A31

FFFFFF



277017



79C063



005700



95DC7D



003F00



B1F997



002900



CDFFB3



000900



EAFFCF



000000



FFFFEB



438A31



438A31



388A23



4E8A3F

■ 2D8A15

■ 598A4D

■ 228A08

■ 648A5A

■ 1C8A00

■ 6F8A68

■ 7A8A76

■ 858A84

■ 908A92

■ 9B8A9F

■ A68AAD

Harmonies

Analogous

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



7B8009



438A31



008F60

Triad

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



438A31



0087D7



D14C64

Complementary

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



438A31



78318A

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.



C54F95



438A31



4678D8

Square

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



438A31



008FBE



9B63BF



C55B38

Rectangle

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



438A31



009181



9B63BF



D04A74

Sweetspot

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



438A31



97B391



8A7731



495945



D9D9D9



595959

Same Dimension

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



438A31



45B329



318A4A



3F453E



1B8500



010500

Inverse Universe

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



78318A



9729B3



8A3171



433E45



6A0085



040005

Previews

White Background



This preview shows how the Hex color 438A31 looks on a white background.

Color Contrast Check

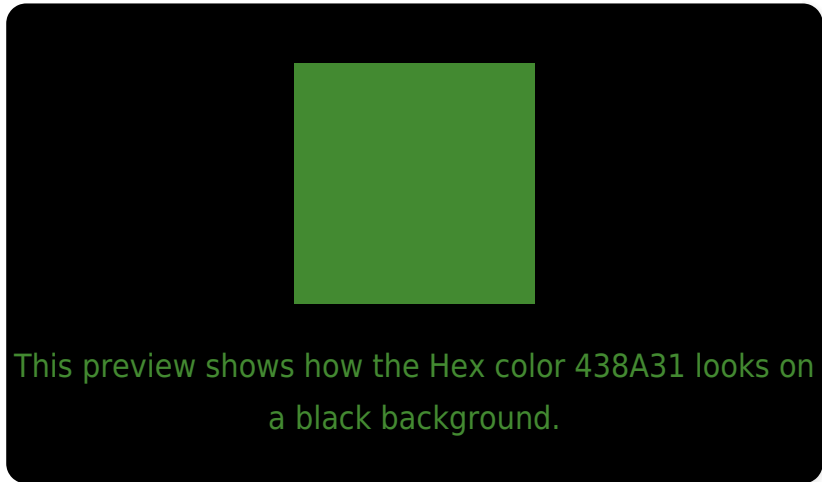
Large Text (above 18pt) WCAG AA ✓ Pass

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

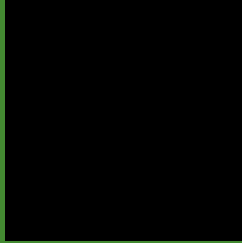
Any Text WCAG AA ✓ Pass

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 438A31 Background



This preview shows how black text looks on a background with the Hex color 438A31.



This preview shows how white text looks on a background with the Hex color 438A31.

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
438A31

Protanopia
887A2C

Deuteranopia
967438



Tritanopia
54818C

Trichromacy



Original Color
438A31

Protanomaly
6F802E

Deuteranomaly
787C35

Tritanomaly
4E846B

Monochromacy



Original Color
438A31

Achromatopsia
6B6B6B

Achromatomaly
5C7656

CSS Examples

Text

The CSS property to change the color of the text to Hex 438A31 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 #438A31 looks like.

```
.text, #text, p{  
    color:#438A31  
}
```

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 #438A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #438A31
}
```

Border

The CSS property to change the border of an element to Hex 438A31 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
#438A31 }
```

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

```
.border{ border-color:#438A31 }
```

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

Here you see how a box with a 4 pixel #438A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #438A31; -webkit-box-shadow:4px 4px  
4px 4px #438A31; box-shadow:4px 4px 4px  
4px #438A31 }
```

Background

The CSS property to change the background color of an element to Hex 438A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#438A31 }
```

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

```
.background{ background-color:#438A31 }
```

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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