

Converting Colors

Hex(538A42)

Have a look what the booklet for
Hex(538A42) contains.

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Color

Hex(538A42)

Conversions

Conversions Part 1

Format	Color
Hex	538A42
RGB	83, 138, 66
RGB Percent	33%, 54%, 26%
CMY	0.6745, 0.4588, 0.7412
CMYK	0.40, 0.00, 0.52, 0.46
HSL	106°, 35%, 40%
HSV	106°, 52%, 54%
XYZ	13.6391, 20.4093, 8.3748
YIQ	113.3470, -9.6680, -34.0520

Conversions

Conversions Part 2

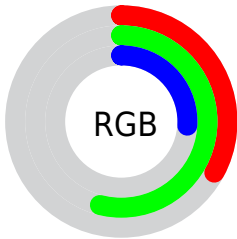
Format	Color
RYB	66, 138, 121
Decimal	5474882
CIELab	52.30, -32.61, 32.70
CIELCh	52, 46.182, 134.926
Yxy	20.4093, 0.3215, 0.4811
Android (android.graphics.Color)	4283664962 (0xFF538A42)
YUV	113.3470, -23.3421, -26.6143
Hunter-Lab	45.1767, -25.1688, 20.6326

Details

The Hex color **538A42** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **79428A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **88C074**, and **1F5712** is the 20% darker color. If you saturate the color by 10%, you get **488A34**, and if you desaturate by 10%, it is **5E8A50**.

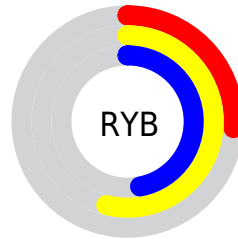
Distribution



Red (33%)

Green (54%)

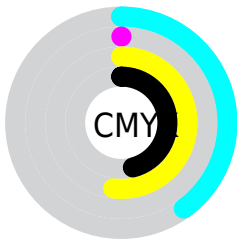
Blue (26%)



Red (26%)

Yellow (54%)

Blue (47%)

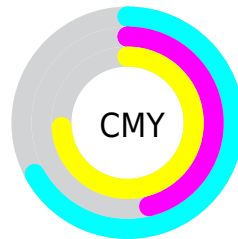


Cyan (40%)

Magenta (0%)

Yellow (52%)

Black (46%)



Cyan (67%)

Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 538A42 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 538A42 by changing the saturation by 10% instead.



538A42



538A42

FFFFFF



39702A



88C074



1F5712



A3DC8E



004000



BFF9A9



002900



DBFFC4



000F00



F8FFE0



000000

FFFFFFD



538A42



538A42



488A34



5E8A50

■ 3E8A26

■ 688A5E

■ 338A19

■ 738A6B

■ 298A0B

■ 7D8A79

■ 218A00

■ 888A87

■ 928A95

■ 9D8AA3

■ A78AB0

■ B28ABE

Harmonies

Analogous

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



80812B



538A42



008F67

Triad

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



538A42



0087C9



C65A6A

Complementary

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



538A42



79428A

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.



BB5C92



538A42



5B7AC9

Square

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



538A42



008EB4



996AB5



BD6446

Rectangle

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



538A42



009082



996AB5



C55978

Sweetspot

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



538A42



9DB396



8A7842



4C5948



D9D9D9



595959

Same Dimension

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



538A42



5DB342



428A54



40453E



1F8500



010500

Inverse Universe

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



79428A



9842B3



8A4278



433E45



650085



040005

Previews

White Background



This preview shows how the Hex color 538A42 looks on a white background.

Color Contrast Check

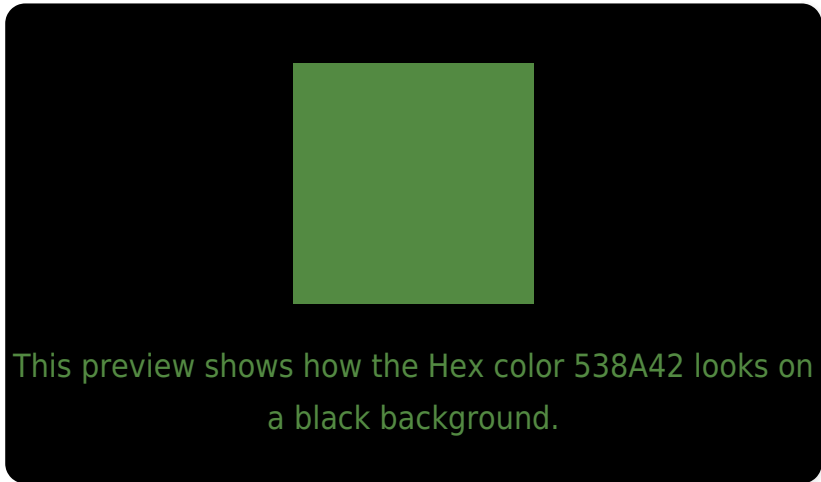
Large Text (above 18pt) WCAG AA ✓ Pass

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 538A42 Background



This preview shows how black text looks on a background with the Hex color 538A42.

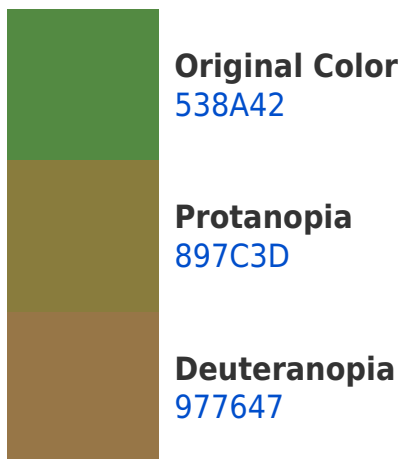



This preview shows how white text looks on a background with the Hex color 538A42.

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
60828C

Trichromacy



Original Color
538A42

Protanomaly
75813F

Deuteranomaly
7E7D45

Tritanomaly
5B8571

Monochromacy



Original Color
538A42

Achromatopsia
717171

Achromatomaly
667A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 538A42 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 #538A42 looks like.

```
.text, #text, p{  
    color:#538A42  
}
```

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 #538A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #538A42
}
```

Border

The CSS property to change the border of an element to Hex 538A42 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
#538A42 }
```

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

```
.border{ border-color:#538A42 }
```

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

Here you see how a box with a 4 pixel #538A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #538A42; -webkit-box-shadow:4px 4px  
4px 4px #538A42; box-shadow:4px 4px 4px  
4px #538A42 }
```

Background

The CSS property to change the background color of an element to Hex 538A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#538A42 }
```

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

```
.background{ background-color:#538A42 }
```

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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