

Converting Colors

Hex(5A8B3F)

Have a look what the booklet for
Hex(5A8B3F) contains.

Hex(5A8B3F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A8B3F)

Conversions

Conversions Part 1

Format	Color
Hex	5A8B3F
RGB	90, 139, 63
RGB Percent	35%, 55%, 25%
CMY	0.6471, 0.4549, 0.7529
CMYK	0.35, 0.00, 0.55, 0.45
HSL	99°, 38%, 40%
HSV	99°, 55%, 55%
XYZ	14.3463, 20.9978, 7.9995
YIQ	115.6850, -4.8080, -34.0240

Conversions

Conversions Part 2

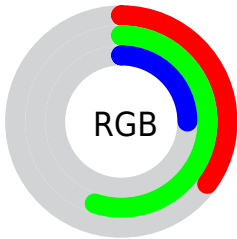
Format	Color
R_{YB}	63, 139, 112
Decimal	5933887
CIE _{Lab}	52.95, -30.97, 35.11
CIE _{LCh}	53, 46.815, 131.414
Yxy	20.9978, 0.3310, 0.4845
Android (android.graphics.Color)	4284123967 (0xFF5A8B3F)
YUV	115.6850, -25.9737, -22.5257
Hunter-Lab	45.8233, -24.3064, 21.7260

Details

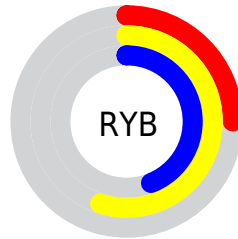
The Hex color **5A8B3F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **703F8B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FC171**, and **27580E** is the 20% darker color. If you saturate the color by 10%, you get **518B31**, and if you desaturate by 10%, it is **638B4D**.

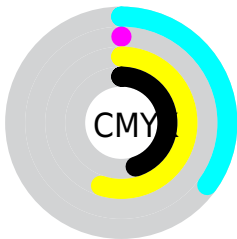
Distribution



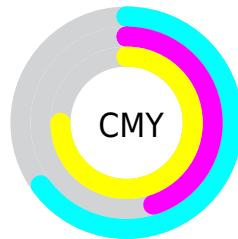
- Red (35%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (44%)



- Cyan (35%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8B3F 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 5A8B3F by changing the saturation by 10% instead.



5A8B3F



5A8B3F

FFFFFF



407127



8FC171



27580E



AADD8B



0B4100



C6FAA6



002A00



E2FFC1



001200



FFFFDD



000000



FFFFFA



5A8B3F



5A8B3F



518B31



638B4D

 488B23


 6C8B5B

 3F8B15

 758B69

 368B07

 7E8B77

 318B00

 878B85

 908B92

 998BA0

 A28BAE

 AB8BBC

Harmonies

Analogous

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



86812A



5A8B3F



009163

Triad

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



5A8B3F



008ACA



C95B71

Complementary

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



5A8B3F



703F8B

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.



BB5F99



5A8B3F



517ECD

Square

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



5A8B3F



0090B3



956DBB



C1644B

Rectangle

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



5A8B3F



00927F



956DBB



C75A7E

Sweetspot

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



5A8B3F



A2B598



8B6F3F



515C4A



DBDBDB



5C5C5C

Same Dimension

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



5A8B3F



68B53E



3F8B49



40453E



2F8500



020500

Inverse Universe

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



703F8B



8B3EB5



8B3F81



423E45



550085



030005

Previews

White Background



This preview shows how the Hex color 5A8B3F looks on a white background.

Color Contrast Check

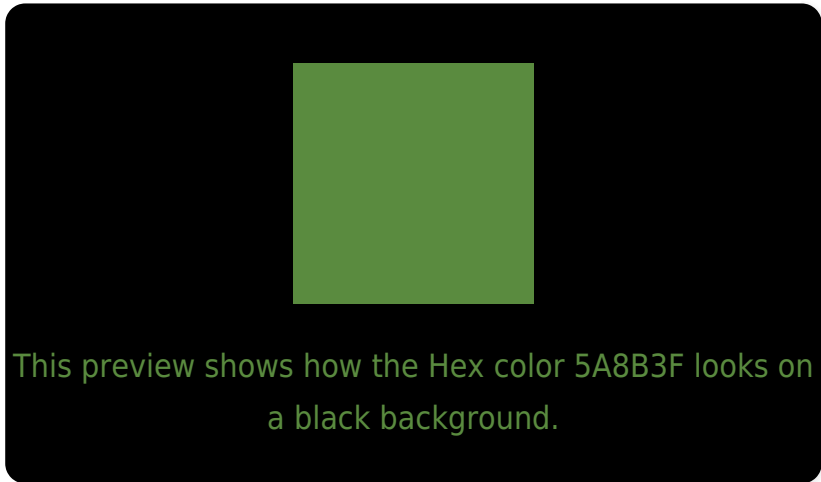
Large Text (above 18pt) WCAG AA ✓ Pass

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

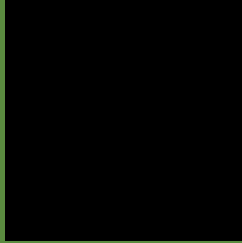
Any Text WCAG AA ✓ Pass

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 5A8B3F Background



This preview shows how black text looks on a background with the Hex color 5A8B3F.



This preview shows how white text looks on a background with the Hex color 5A8B3F.

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
5A8B3F

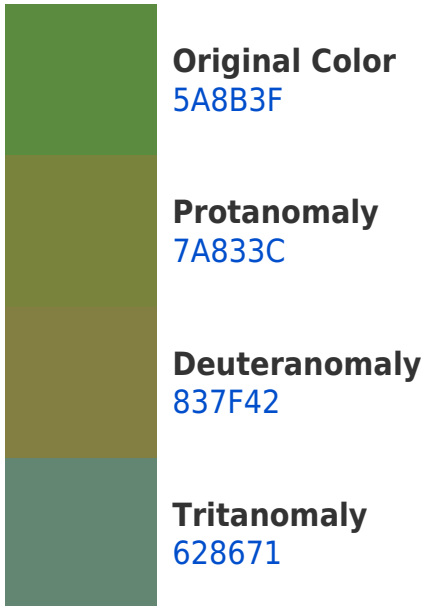
Protanopia
8C7E3B

Deuteranopia
9A7844



Tritanopia
66838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8B3F 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 #5A8B3F looks like.

```
.text, #text, p{  
    color:#5A8B3F  
}
```

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 #5A8B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8B3F
}
```

Border

The CSS property to change the border of an element to Hex 5A8B3F 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
#5A8B3F }
```

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

```
.border{ border-color:#5A8B3F }
```

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

Here you see how a box with a 4 pixel #5A8B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8B3F; -webkit-box-shadow:4px 4px  
4px 4px #5A8B3F; box-shadow:4px 4px 4px  
4px #5A8B3F }
```

Background

The CSS property to change the background color of an element to Hex 5A8B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8B3F }
```

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

```
.background{ background-color:#5A8B3F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor