

# Converting Colors

Hex(5B9F3A)

Have a look what the booklet for  
Hex(5B9F3A) contains.

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**Color**

**Hex(5B9F3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B9F3A
RGB	91, 159, 58
RGB Percent	36%, 62%, 23%
CMY	0.6431, 0.3765, 0.7725
CMYK	0.43, 0.00, 0.64, 0.38
HSL	100°, 47%, 43%
HSV	100°, 64%, 62%
XYZ	17.4762, 27.3259, 8.3563
YIQ	127.1540, -8.1070, -45.8270

# Conversions

## Conversions Part 2

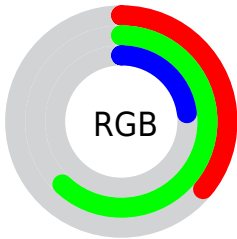
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 159, 126
Decimal	6004538
CIELab	59.27, -40.14, 44.79
CIELCh	59, 60.146, 131.866
Yxy	27.3259, 0.3288, 0.5140
Android (android.graphics.Color)	4284194618 (0xFF5B9F3A)
YUV	127.1540, -34.0929, -31.7071
Hunter-Lab	52.2742, -31.8039, 27.1141

# Details

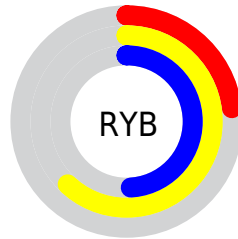
The Hex color **5B9F3A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E3A9F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **92D66D**, and **236B00** is the 20% darker color. If you saturate the color by 10%, you get **509F2A**, and if you desaturate by 10%, it is **669F4A**.

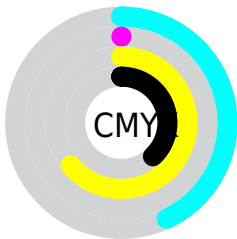
# Distribution



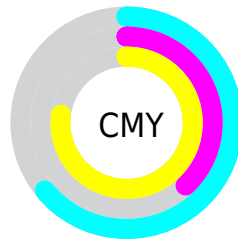
- Red (36%)
- Green (62%)
- Blue (23%)



- Red (23%)
- Yellow (62%)
- Blue (49%)



- Cyan (43%)
- Magenta (0%)
- Yellow (64%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B9F3A 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 5B9F3A by changing the saturation by 10% instead.





5B9F3A



5B9F3A

FFFFFF



408420



92D66D



236B00



AEF388



005200



CAFFA3



003A00



E7FFBE



002600



FFFFDB



000000



FFFFF8



5B9F3A



5B9F3A




509F2A



669F4A

 469F1A


 709F5A

 3B9F0A

 7B9F6A

 349F00

 869F7A

 919F8A

 9B9F99

 A69FA9

 B19FB9

 BB9FC9

# Harmonies

## Analogous

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



969317



5B9F3A



00A66C

# Triad

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



5B9F3A



009DF3



EE5C7C

# Complementary

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



5B9F3A



7E3A9F

# 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.



DE62B1



5B9F3A



498EF7

# Square

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



5B9F3A



00A6D4



AC77DE



E36B4A

# Rectangle

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



5B9F3A



00A891



AC77DE



EC5B8E



# Sweetspot

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



5B9F3A



B4CFA7



9F7D3A



586951



E8E8E8



696969



# Same Dimension

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



5B9F3A



65CF32



3A9F4B



4A4F47



2F8F00



050F00



# Inverse Universe

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



7E3A9F



9B32CF



9F3A8E



4C474F



60008F



0A000F



# Previews

## White Background



This preview shows how the Hex color 5B9F3A looks on a white background.

## Color Contrast Check

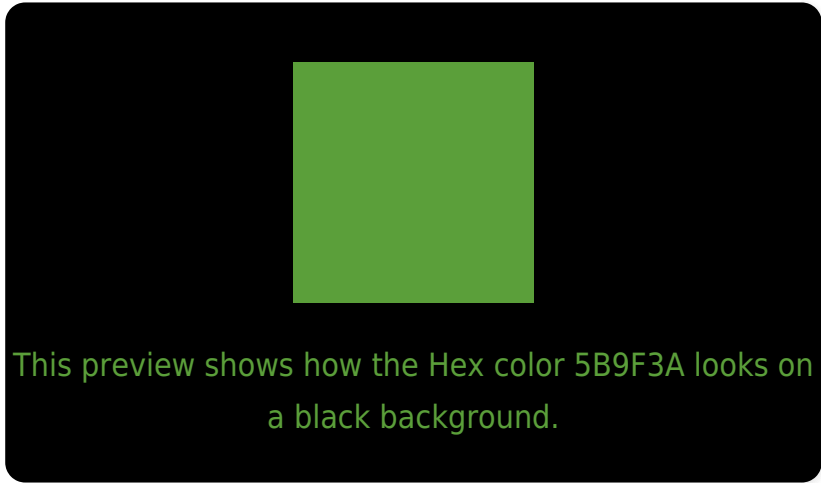
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9F3A Background



This preview shows how black text looks on a background with the Hex color 5B9F3A.



This preview shows how white text looks on a background with the Hex color 5B9F3A.

# 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**  
5B9F3A

**Protanopia**  
9E8E35

**Deuteranopia**  
AF8741



**Tritanopia**  
6C95A1

# Trichromacy



**Original Color**  
5B9F3A



**Protanomaly**  
869437



**Deuteranomaly**  
90903E



**Tritanomaly**  
66997C

# Monochromacy



**Original Color**  
5B9F3A



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
728B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B9F3A 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 #5B9F3A looks like.

```
.text, #text, p{  
    color:#5B9F3A  
}
```

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 #5B9F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9F3A
}
```

## Border

The CSS property to change the border of an element to Hex 5B9F3A 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
#5B9F3A }
```

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

```
.border{ border-color:#5B9F3A }
```

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

Here you see how a box with a 4 pixel #5B9F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9F3A; -webkit-box-shadow:4px 4px  
4px 4px #5B9F3A; box-shadow:4px 4px 4px  
4px #5B9F3A }
```

# Background

The CSS property to change the background color of an element to Hex 5B9F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9F3A }
```

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

```
.background{ background-color:#5B9F3A }
```

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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