

# Converting Colors

Hex(5F7A3B)

Have a look what the booklet for  
Hex(5F7A3B) contains.

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# Color

Hex(5F7A3B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7A3B
RGB	95, 122, 59
RGB Percent	37%, 48%, 23%
CMY	0.6275, 0.5216, 0.7686
CMYK	0.22, 0.00, 0.52, 0.52
HSL	86°, 35%, 35%
HSV	86°, 52%, 48%
XYZ	12.4683, 16.6677, 6.6977
YIQ	106.7450, 4.1310, -25.3170

# Conversions

## Conversions Part 2

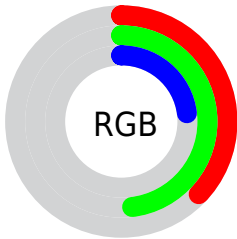
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 122, 86
Decimal	6257211
CIELab	47.84, -21.11, 31.12
CIELCh	48, 37.603, 124.157
Yxy	16.6677, 0.3479, 0.4651
Android (android.graphics.Color)	4284447291 (0xFF5F7A3B)
YUV	106.7450, -23.5383, -10.3004
Hunter-Lab	40.8261, -16.9320, 18.8515

# Details

The Hex color **5F7A3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563B7A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **93AF6C**, and **2E490C** is the 20% darker color. If you saturate the color by 10%, you get **5A7A2F**, and if you desaturate by 10%, it is **647A47**.

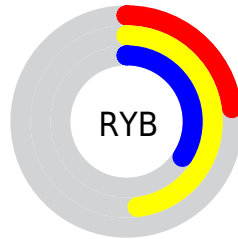
# Distribution



Red (37%)

Green (48%)

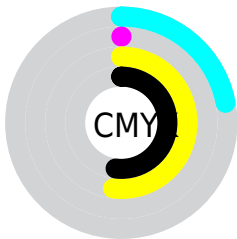
Blue (23%)



Red (23%)

Yellow (48%)

Blue (34%)

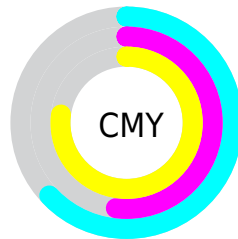


Cyan (22%)

Magenta (0%)

Yellow (52%)

Black (52%)



Cyan (63%)

Magenta (52%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7A3B 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 5F7A3B by changing the saturation by 10% instead.



 5F7A3B

 5F7A3B

FFFFFF

 466124

 93AF6C

 2E490C

 AECA86

 193200

 CAE6A0

 001E00

 E6FFBB

 000000

 FFFFD7

 FFFFF4

 5F7A3B

 5F7A3B

 5A7A2F

 647A47

■ 557A23

■ 697A53

■ 4F7A16

■ 6F7A60

■ 4A7A0A

■ 747A6C

■ 467A00

■ 797A78

■ 7E7A84

■ 847A90

■ 897A9D

■ 8E7AA9

# Harmonies

## Analogous

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



807130



5F7A3B



347F55

# Triad

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



5F7A3B



007CAA



AC576E

# Complementary

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



5F7A3B



563B7A

# 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.



9C5C8E



5F7A3B



4273B1

# Square

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



5F7A3B



008194



7A67A6



AA5B50

# Rectangle

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



5F7A3B



00816A



7A67A6



A95779



# Sweetspot

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



5F7A3B



949E86



7A553B



494F41



CFCFCF



4F4F4F



# Same Dimension

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



5F7A3B



749E3C



407A3B



3B3D37



477D00



90FC00



# Inverse Universe

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



563B7A



663C9E



753B7A



3A373D



36007D



6C00FC



# Previews

## White Background



This preview shows how the Hex color 5F7A3B looks on a white background.

## Color Contrast Check

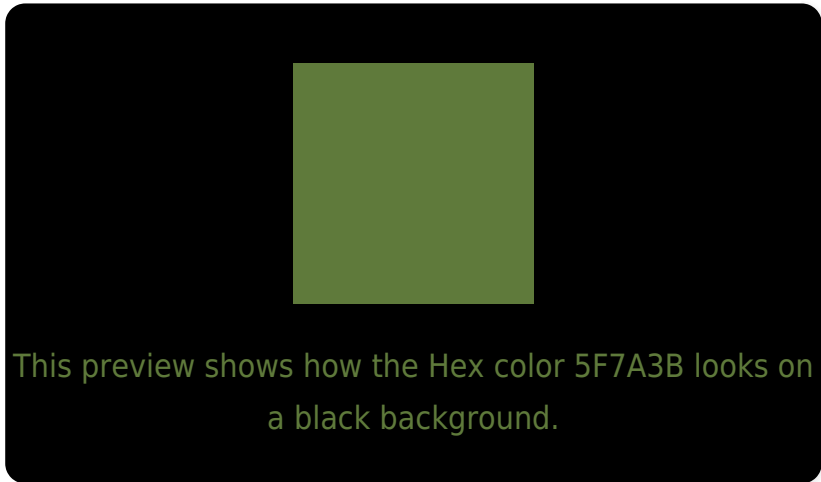
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

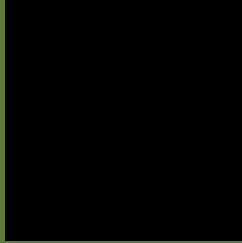
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F7A3B Background



This preview shows how black text looks on a background with the Hex color 5F7A3B.



This preview shows how white text looks on a background with the Hex color 5F7A3B.

# 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](#).

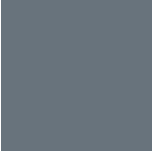
## Dichromacy



**Original Color**  
5F7A3B

**Protanopia**  
7D7138

**Deuteranopia**  
8A6C3F



**Tritanopia**  
68737C

# Trichromacy



**Original Color**  
5F7A3B

**Protanomaly**  
727439

**Deuteranomaly**  
7A713E

**Tritanomaly**  
657664

# Monochromacy



**Original Color**  
5F7A3B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
67705A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7A3B 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 #5F7A3B looks like.

```
.text, #text, p{  
    color:#5F7A3B  
}
```

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 #5F7A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7A3B
}
```

## Border

The CSS property to change the border of an element to Hex 5F7A3B 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
#5F7A3B }
```

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

```
.border{ border-color:#5F7A3B }
```

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

Here you see how a box with a 4 pixel #5F7A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7A3B; -webkit-box-shadow:4px 4px  
4px 4px #5F7A3B; box-shadow:4px 4px 4px  
4px #5F7A3B }
```

# Background

The CSS property to change the background color of an element to Hex 5F7A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7A3B }
```

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

```
.background{ background-color:#5F7A3B }
```

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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