

Converting Colors

Hex(5F7A39)

Have a look what the booklet for
Hex(5F7A39) contains.

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Color

Hex(5F7A39)

Conversions

Conversions Part 1

Format	Color
Hex	5F7A39
RGB	95, 122, 57
RGB Percent	37%, 48%, 22%
CMY	0.6275, 0.5216, 0.7765
CMYK	0.22, 0.00, 0.53, 0.52
HSL	85°, 36%, 35%
HSV	85°, 53%, 48%
XYZ	12.4174, 16.6474, 6.4297
YIQ	106.5170, 4.7730, -25.9390

Conversions

Conversions Part 2

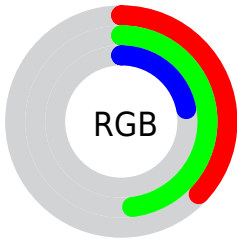
Format	Color
RYB	57, 122, 84
Decimal	6257209
CIELab	47.81, -21.35, 32.14
CIElCh	48, 38.582, 123.592
Yxy	16.6474, 0.3498, 0.4690
Android (android.graphics.Color)	4284447289 (0xFF5F7A39)
YUV	106.5170, -24.4119, -10.1004
Hunter-Lab	40.8012, -17.0777, 19.2176

Details

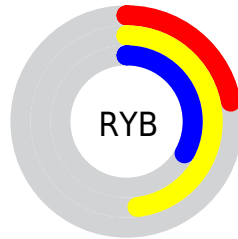
The Hex color **5F7A39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **54397A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **93AF6A**, and **2E4909** is the 20% darker color. If you saturate the color by 10%, you get **5A7A2D**, and if you desaturate by 10%, it is **647A45**.

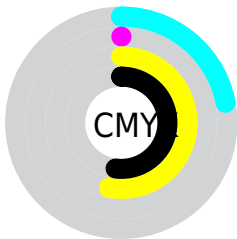
Distribution



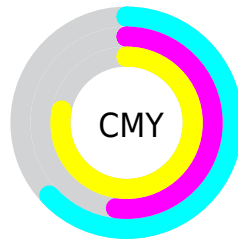
- Red (37%)
- Green (48%)
- Blue (22%)



- Red (22%)
- Yellow (48%)
- Blue (33%)



- Cyan (22%)
- Magenta (0%)
- Yellow (53%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7A39 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 5F7A39 by changing the saturation by 10% instead.

 5F7A39

 5F7A39

FFFFFF

 466122

 93AF6A

 2E4909

 AECA84

 183200

 CAE69E

 001E00

 E6FFB9

 000000

 FFFFD5

 FFFFF2

 5F7A39

 5F7A39

 5A7A2D

 647A45

■ 557A21

■ 697A51

■ 507A14

■ 6E7A5E

■ 4B7A08

■ 737A6A

■ 477A00

■ 787A76

■ 7D7A82

■ 827A8E

■ 887A9B

■ 8D7AA7

Harmonies

Analogous

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



81712E



5F7A39



338053

Triad

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



5F7A39



007CAB



AD566F

Complementary

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



5F7A39



54397A

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.



9D5B8F



5F7A39



3E74B2

Square

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



5F7A39



008194



7967A8



AC5A4F

Rectangle

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



5F7A39



008169



7967A8



AA567A

Sweetspot

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



5F7A39



949E85



7A5339



494F40



CFCFCF



4F4F4F

Same Dimension

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



5F7A39



749E39



407A39



3B3D37



497D00



94FC00

Inverse Universe

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



54397A



63399E



74397A



3A373D



34007D



6900FC

Previews

White Background



This preview shows how the Hex color 5F7A39 looks on a white background.

Color Contrast Check

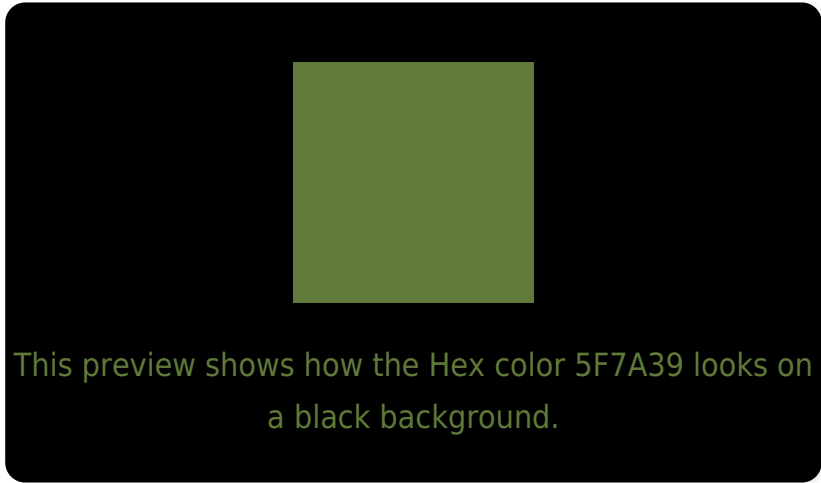
Large Text (above 18pt) WCAG AA ✓ Pass

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

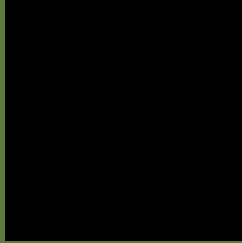
Any Text WCAG AA × Fail

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 5F7A39 Background



This preview shows how black text looks on a background with the Hex color 5F7A39.



This preview shows how white text looks on a background with the Hex color 5F7A39.

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](#).

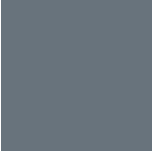
Dichromacy



Original Color
5F7A39

Protanopia
7D7136

Deuteranopia
8B6C3D



Tritanopia
68737C

Trichromacy



Original Color
5F7A39

Protanomaly
727437

Deuteranomaly
7B713C

Tritanomaly
657664

Monochromacy



Original Color
5F7A39

Achromatopsia
6B6B6B

Achromatomaly
677059

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7A39 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 #5F7A39 looks like.

```
.text, #text, p{  
    color:#5F7A39  
}
```

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 #5F7A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7A39
}
```

Border

The CSS property to change the border of an element to Hex 5F7A39 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
#5F7A39 }
```

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

```
.border{ border-color:#5F7A39 }
```

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

Here you see how a box with a 4 pixel #5F7A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7A39; -webkit-box-shadow:4px 4px  
4px 4px #5F7A39; box-shadow:4px 4px 4px  
4px #5F7A39 }
```

Background

The CSS property to change the background color of an element to Hex 5F7A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7A39 }
```

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

```
.background{ background-color:#5F7A39 }
```

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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