

Converting Colors

Hex(5F813D)

Have a look what the booklet for
Hex(5F813D) contains.

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Color

Hex(5F813D)

Conversions

Conversions Part 1

Format	Color
Hex	5F813D
RGB	95, 129, 61
RGB Percent	37%, 51%, 24%
CMY	0.6275, 0.4941, 0.7608
CMYK	0.26, 0.00, 0.53, 0.49
HSL	90°, 36%, 37%
HSV	90°, 53%, 51%
XYZ	13.4119, 18.4703, 7.2731
YIQ	111.0820, 1.5640, -28.3560

Conversions

Conversions Part 2

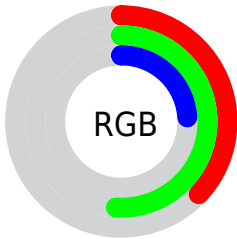
Format	Color
RYB	61, 129, 95
Decimal	6259005
CIELab	50.06, -24.44, 32.75
CIElCh	50, 40.865, 126.733
Yxy	18.4703, 0.3425, 0.4717
Android (android.graphics.Color)	4284449085 (0xFF5F813D)
YUV	111.0820, -24.6904, -14.1039
Hunter-Lab	42.9771, -19.5054, 20.0502

Details

The Hex color **5F813D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F3D81**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93B66E**, and **2E4F0D** is the 20% darker color. If you saturate the color by 10%, you get **598130**, and if you desaturate by 10%, it is **65814A**.

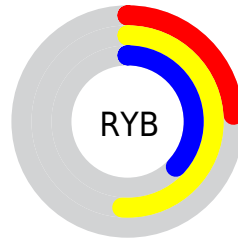
Distribution



Red (37%)

Green (51%)

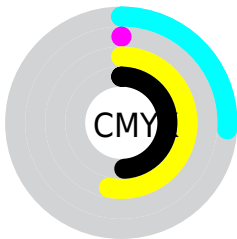
Blue (24%)



Red (24%)

Yellow (51%)

Blue (37%)

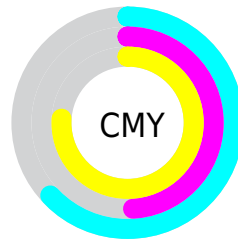


Cyan (26%)

Magenta (0%)

Yellow (53%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F813D 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 5F813D by changing the saturation by 10% instead.



5F813D



5F813D

FFFFFF



466825



93B66E



2E4F0D



AED288



173800



CAEEA3



002300



E7FFBE



000000



FFFFDA



FFFFF7



5F813D



5F813D



598130



65814A

■ 528123

■ 6C8157

■ 4C8116

■ 728164

■ 458109

■ 798171

■ 418100

■ 7F817E

■ 86818A

■ 8C8197

■ 9381A4

■ 9981B1

Harmonies

Analogous

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



84782F



5F813D



2C875A

Triad

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



5F813D



0082B6



B75971

Complementary

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



5F813D



5F3D81

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.



A85E93



5F813D



4878BC

Square

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



5F813D



0087A0



846BAF



B45F4F

Rectangle

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



5F813D



008872



846BAF



B55A7C

Sweetspot

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



5F813D



9BA88D



815F3D



4C5444



D4D4D4



545454

Same Dimension

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



5F813D



73A83E



3D813D



3D4039



408000



000000

Inverse Universe

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



5F3D81



733EA8



813D81



3D3940



400080



000000

Previews

White Background



This preview shows how the Hex color 5F813D looks on a white background.

Color Contrast Check

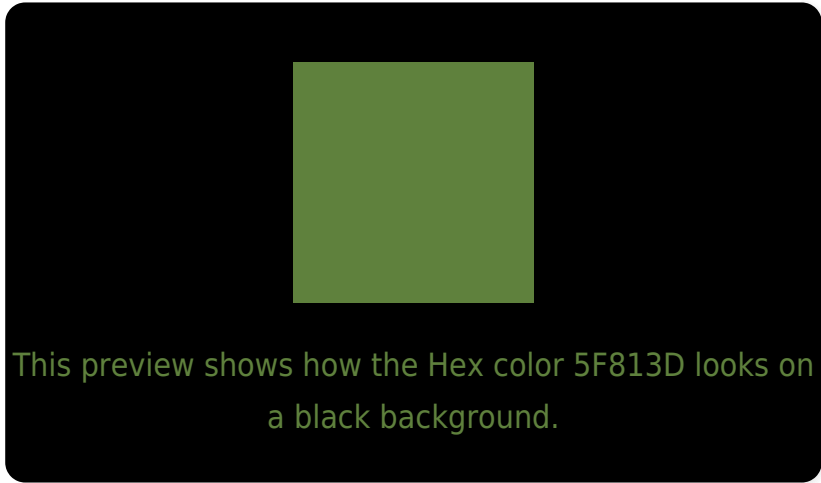
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F813D Background



This preview shows how black text looks on a background with the Hex color 5F813D.



This preview shows how white text looks on a background with the Hex color 5F813D.

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
5F813D

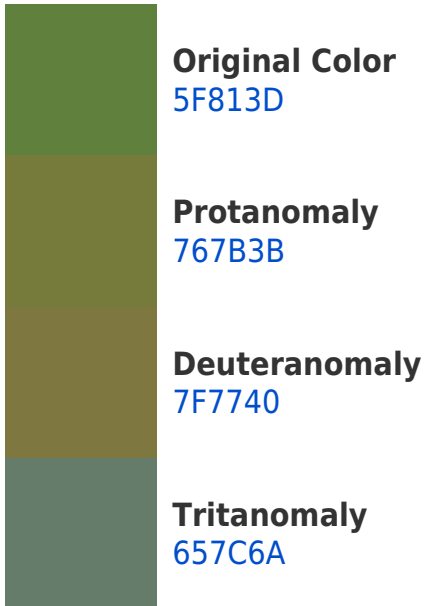
Protanopia
83773A

Deuteranopia
917141

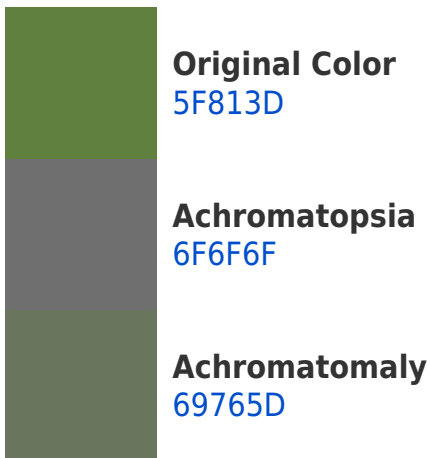


Tritanopia
697983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F813D 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 #5F813D looks like.

```
.text, #text, p{  
    color:#5F813D  
}
```

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 #5F813D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F813D
}
```

Border

The CSS property to change the border of an element to Hex 5F813D 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
#5F813D }
```

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

```
.border{ border-color:#5F813D }
```

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

Here you see how a box with a 4 pixel #5F813D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F813D; -webkit-box-shadow:4px 4px  
4px 4px #5F813D; box-shadow:4px 4px 4px  
4px #5F813D }
```

Background

The CSS property to change the background color of an element to Hex 5F813D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F813D }
```

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

```
.background{ background-color:#5F813D }
```

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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