

Converting Colors

Hex(5D813B)

Have a look what the booklet for
Hex(5D813B) contains.

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Color

Hex(5D813B)

Conversions

Conversions Part 1

Format	Color
Hex	5D813B
RGB	93, 129, 59
RGB Percent	36%, 51%, 23%
CMY	0.6353, 0.4941, 0.7686
CMYK	0.28, 0.00, 0.54, 0.49
HSL	91°, 37%, 37%
HSV	91°, 54%, 51%
XYZ	13.1539, 18.3434, 6.9850
YIQ	110.2560, 1.0140, -29.4020

Conversions

Conversions Part 2

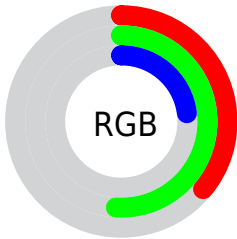
Format	Color
RYB	59, 129, 95
Decimal	6127931
CIELab	49.91, -25.47, 33.57
CIELCh	50, 42.141, 127.181
Yxy	18.3434, 0.3418, 0.4767
Android (android.graphics.Color)	4284318011 (0xFF5D813B)
YUV	110.2560, -25.2692, -15.1335
Hunter-Lab	42.8292, -20.1296, 20.3109

Details

The Hex color **5D813B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F3B81**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **91B66C**, and **2B4F0A** is the 20% darker color. If you saturate the color by 10%, you get **56812E**, and if you desaturate by 10%, it is **648148**.

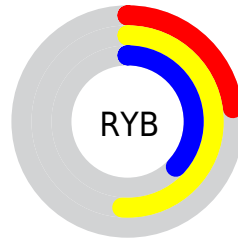
Distribution



Red (36%)

Green (51%)

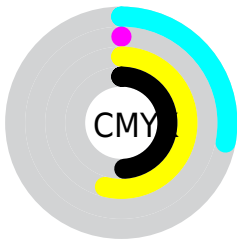
Blue (23%)



Red (23%)

Yellow (51%)

Blue (37%)

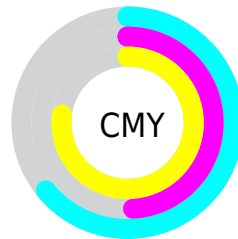


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D813B 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 5D813B by changing the saturation by 10% instead.

 5D813B

 5D813B

FFFFFF

 446823

 91B66C

 2B4F0A

 ACD286

 153800

 C8EEA1

 002300

 E5FFBC

 000000

 FFFFD8

 FFFFF5

 5D813B

 5D813B

 56812E

 648148

■ 508121

■ 6A8155

■ 498114

■ 718162

■ 428107

■ 78816F

■ 3F8100

■ 7E817C

■ 858188

■ 8B8195

■ 9281A2

■ 9981AF

Harmonies

Analogous

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



83782C



5D813B



26875A

Triad

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



5D813B



0082B8



B9576F

Complementary

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



5D813B



5F3B81

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.



A95D93



5D813B



4578BE

Square

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



5D813B



0087A1



846AB0



B55E4D

Rectangle

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



5D813B



008872



846AB0



B6587C

Sweetspot

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



5D813B



9AA88D



815E3B



4C5444



D4D4D4



545454

Same Dimension

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



5D813B



70A83B



3B813B



3C4039



3E8000



000000

Inverse Universe

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



5F3B81



733BA8



813B81



3D3940



420080



000000

Previews

White Background



This preview shows how the Hex color 5D813B looks on a white background.

Color Contrast Check

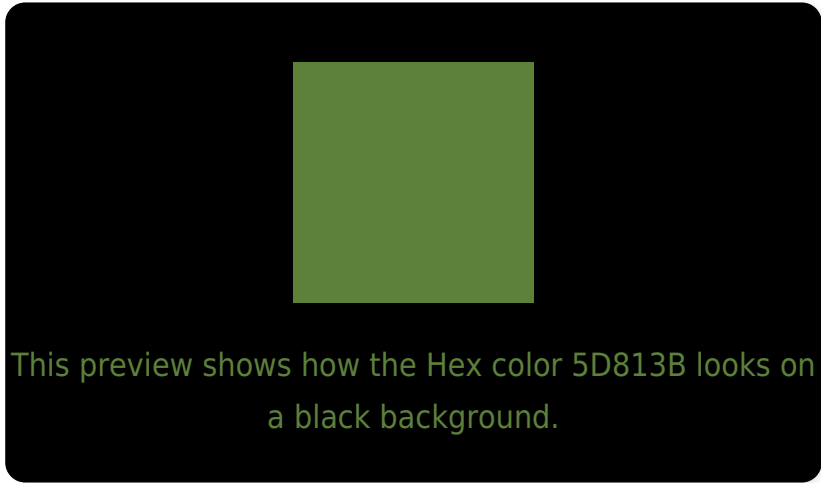
Large Text (above 18pt) WCAG AA ✓ Pass

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

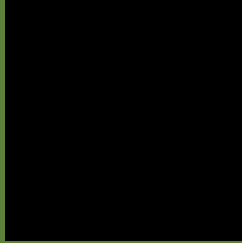
Any Text WCAG AA ✓ Pass

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 5D813B Background



This preview shows how black text looks on a background with the Hex color 5D813B.



This preview shows how white text looks on a background with the Hex color 5D813B.

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
5D813B

Protanopia
837638

Deuteranopia
91713F



Tritanopia
677983

Trichromacy



Original Color
5D813B

Protanomaly
757A39

Deuteranomaly
7E773E

Tritanomaly
637C69

Monochromacy



Original Color
5D813B

Achromatopsia
6E6E6E

Achromatomaly
68755B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D813B 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 #5D813B looks like.

```
.text, #text, p{  
    color:#5D813B  
}
```

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 #5D813B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D813B
}
```

Border

The CSS property to change the border of an element to Hex 5D813B 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
#5D813B }
```

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

```
.border{ border-color:#5D813B }
```

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

Here you see how a box with a 4 pixel #5D813B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D813B; -webkit-box-shadow:4px 4px  
4px 4px #5D813B; box-shadow:4px 4px 4px  
4px #5D813B }
```

Background

The CSS property to change the background color of an element to Hex 5D813B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D813B }
```

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

```
.background{ background-color:#5D813B }
```

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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