

Converting Colors

Hex(64813E)

Have a look what the booklet for
Hex(64813E) contains.

Hex(64813E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64813E)

Conversions

Conversions Part 1

Format	Color
Hex	64813E
RGB	100, 129, 62
RGB Percent	39%, 51%, 24%
CMY	0.6078, 0.4941, 0.7569
CMYK	0.22, 0.00, 0.52, 0.49
HSL	86°, 35%, 37%
HSV	86°, 52%, 51%
XYZ	13.9753, 18.7576, 7.4414
YIQ	112.6910, 4.2230, -26.9850

Conversions

Conversions Part 2

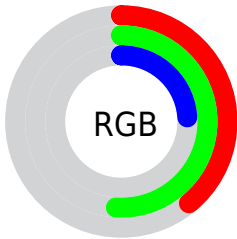
Format	Color
RYB	62, 129, 91
Decimal	6586686
CIELab	50.40, -22.31, 32.72
CIElCh	50, 39.602, 124.296
Yxy	18.7576, 0.3479, 0.4669
Android (android.graphics.Color)	4284776766 (0xFF64813E)
YUV	112.6910, -24.9907, -11.1300
Hunter-Lab	43.3101, -18.1943, 20.1300

Details

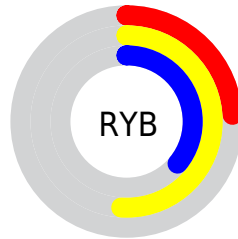
The Hex color **64813E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5B3E81**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **98B66F**, and **33500E** is the 20% darker color. If you saturate the color by 10%, you get **5E8131**, and if you desaturate by 10%, it is **6A814B**.

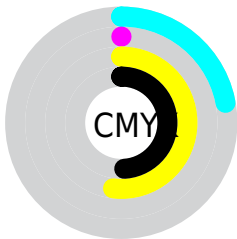
Distribution



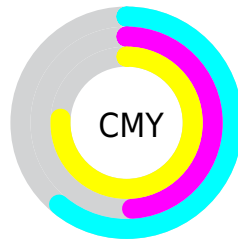
- Red (39%)
- Green (51%)
- Blue (24%)



- Red (24%)
- Yellow (51%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64813E 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 64813E by changing the saturation by 10% instead.

 64813E

 64813E

FFFFFF

 4B6826

 98B66F

 33500E

 B4D289

 1C3800

 D0EEA4

 002300

 ECFFBF

 000300

 FFFFDB

 000000

 FFFFF8

 64813E

 64813E

 5E8131

 6A814B

■ 598124

■ 6F8158

■ 538117

■ 758165

■ 4E810A

■ 7A8172

■ 498100

■ 80817F

■ 86818B

■ 8B8198

■ 9181A5

■ 9681B2

Harmonies

Analogous

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



877832



64813E



368759

Triad

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



64813E



0083B4



B65B74

Complementary

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



64813E



5B3E81

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.



A56196



64813E



457ABB

Square

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



64813E



00889D



816DB0



B46054

Rectangle

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



64813E



008970



816DB0



B35C80

Sweetspot

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



64813E



9DA88D



815A3E



4D5444



D4D4D4



545454

Same Dimension

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



64813E



7BA840



44813E



3D4039



488000



000000

Inverse Universe

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



5B3E81



6D40A8



7B3E81



3C3940



370080



000000

Previews

White Background



This preview shows how the Hex color 64813E looks on a white background.

Color Contrast Check

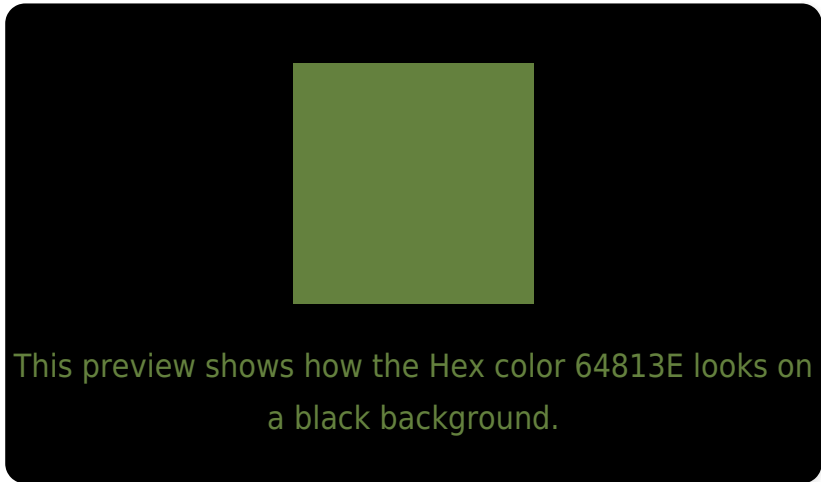
Large Text (above 18pt) WCAG AA ✓ Pass

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

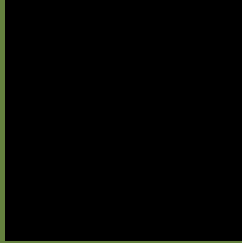
Any Text WCAG AA ✓ Pass

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 64813E Background



This preview shows how black text looks on a background with the Hex color 64813E.



This preview shows how white text looks on a background with the Hex color 64813E.

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
64813E

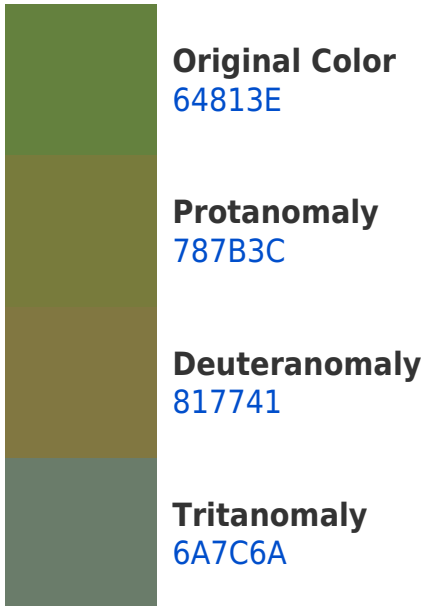
Protanopia
84783B

Deuteranopia
927242

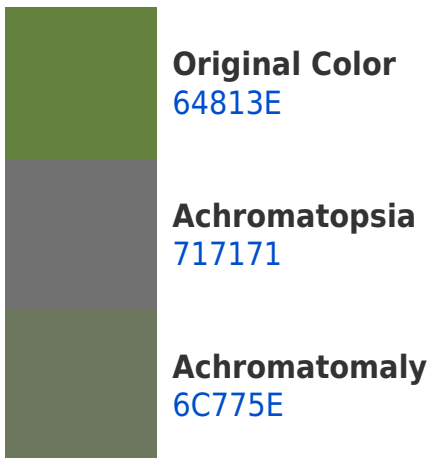


Tritanopia
6D7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64813E 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 #64813E looks like.

```
.text, #text, p{  
    color:#64813E  
}
```

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 #64813E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64813E
}
```

Border

The CSS property to change the border of an element to Hex 64813E is called "border". The border property can be set on classes, ids or directly on the HTML element.

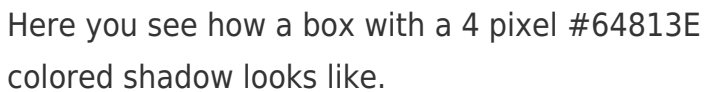
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64813E }
```

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

```
.border{ border-color:#64813E }
```

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



Here you see how a box with a 4 pixel #64813E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64813E; -webkit-box-shadow:4px 4px  
4px 4px #64813E; box-shadow:4px 4px 4px  
4px #64813E }
```

Background

The CSS property to change the background color of an element to Hex 64813E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64813E }
```

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

```
.background{ background-color:#64813E }
```

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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