

Converting Colors

Hex(71805E)

Have a look what the booklet for
Hex(71805E) contains.

Hex(71805E)	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(71805E)

Conversions

Conversions Part 1

Format	Color
Hex	71805E
RGB	113, 128, 94
RGB Percent	44%, 50%, 37%
CMY	0.5569, 0.4980, 0.6314
CMYK	0.12, 0.00, 0.27, 0.50
HSL	86°, 15%, 44%
HSV	86°, 27%, 50%
XYZ	16.5496, 19.7572, 13.5309
YIQ	119.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

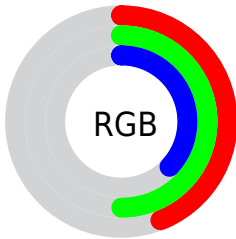
Format	Color
RYB	94, 128, 109
Decimal	7438430
CIELab	51.56, -12.01, 16.68
CIELCh	52, 20.555, 125.756
Yxy	19.7572, 0.3321, 0.3964
Android (android.graphics.Color)	4285628510 (0xFF71805E)
YUV	119.6390, -12.6400, -5.8224
Hunter-Lab	44.4491, -11.3255, 13.0656

Details

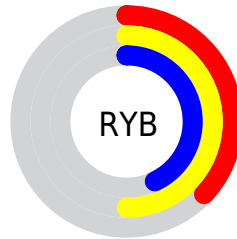
The Hex color **71805E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D5E80**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A5B591**, and **414F30** is the 20% darker color. If you saturate the color by 10%, you get **6B8051**, and if you desaturate by 10%, it is **77806B**.

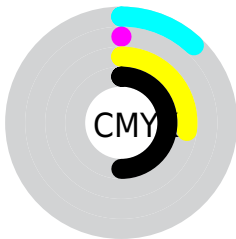
Distribution



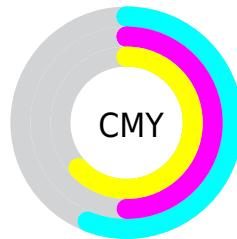
- Red (44%)
- Green (50%)
- Blue (37%)



- Red (37%)
- Yellow (50%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71805E 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 71805E by changing the saturation by 10% instead.



71805E



71805E

FFFFFF



586746



A5B591



414F30



C0D0AB



2A381A



DCEDC7



162201



F9FFE3



000B00



000000



71805E



71805E



6B8051



77806B



668044



7C8078

■ 608038

■ 828084

■ 5A802B

■ 888091

■ 55801E

■ 8D809E

■ 4F8011

■ 9380AB

■ 498004

■ 9980B8

■ 488000

■ 9E80C4

■ A480D1

Harmonies

Analogous

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



847B58



71805E



5D836C

Triad

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



71805E



53819A



9E6E78

Complementary

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



71805E



6D5E80

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.



94708A



71805E



6A7B9E

Square

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



71805E



47848F



827597



9D7067

Rectangle

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



71805E



518578



827597



9C6E7E

Sweetspot

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



71805E



A0A698



806D5E



50544C



D4D4D4



545454

Same Dimension

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



71805E



8EA671



60805E



3D4039



478000



000000

Inverse Universe

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



6D5E80



8871A6



7E5E80



3C3940



380080



000000

Previews

White Background



This preview shows how the Hex color 71805E looks on a white background.

Color Contrast Check

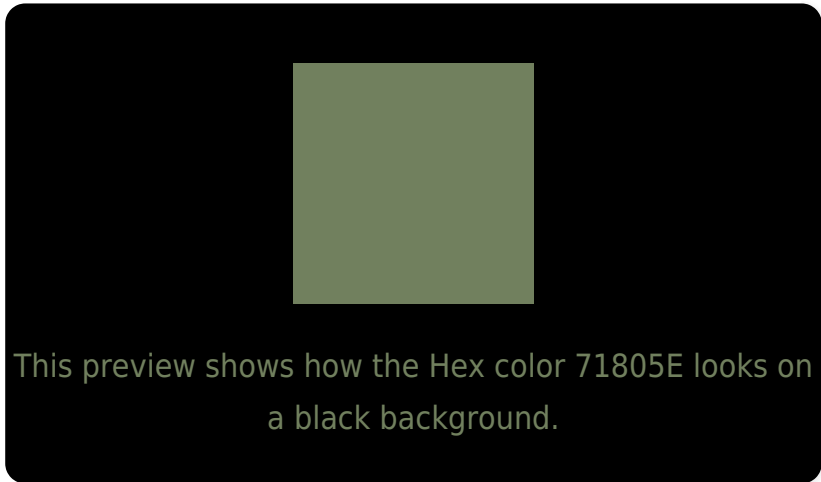
Large Text (above 18pt) WCAG AA ✓ Pass

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

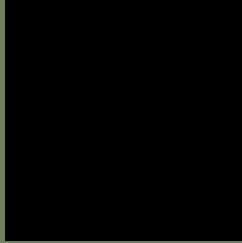
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

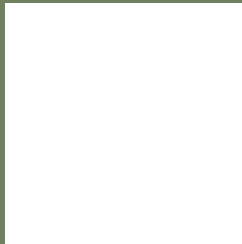
Any Text WCAG AAA × Fail

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

Hex 71805E Background



This preview shows how black text looks on a background with the Hex color 71805E.

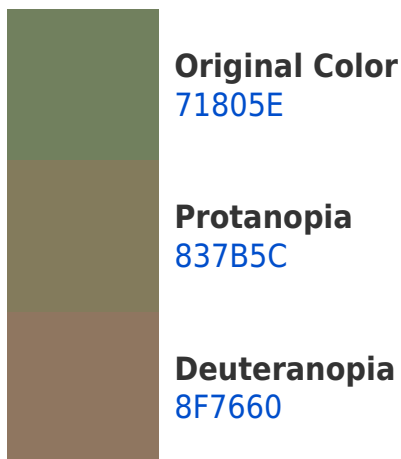


This preview shows how white text looks on a background with the Hex color 71805E.

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





Tritanopia
777B85

Trichromacy



Original Color
71805E

Protanomaly
7C7D5D

Deuteranomaly
847A5F

Tritanomaly
757D77

Monochromacy



Original Color
71805E

Achromatopsia
787878

Achromatomaly
757B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 71805E 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 #71805E looks like.

```
.text, #text, p{  
    color:#71805E  
}
```

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 #71805E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71805E
}
```

Border

The CSS property to change the border of an element to Hex 71805E 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
#71805E }
```

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

```
.border{ border-color:#71805E }
```

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

Here you see how a box with a 4 pixel #71805E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71805E; -webkit-box-shadow:4px 4px  
4px 4px #71805E; box-shadow:4px 4px 4px  
4px #71805E }
```

Background

The CSS property to change the background color of an element to Hex 71805E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71805E }
```

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

```
.background{ background-color:#71805E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor