

Converting Colors

Hex(75883F)

Have a look what the booklet for
Hex(75883F) contains.

Hex(75883F)	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(75883F)

Conversions

Conversions Part 1

Format	Color
Hex	75883F
RGB	117, 136, 63
RGB Percent	46%, 53%, 25%
CMY	0.5412, 0.4667, 0.7529
CMYK	0.14, 0.00, 0.54, 0.47
HSL	76°, 37%, 39%
HSV	76°, 54%, 53%
XYZ	17.0375, 21.7491, 8.0027
YIQ	121.9970, 12.1090, -26.7310

Conversions

Conversions Part 2

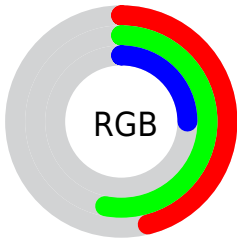
Format	Color
RYB	63, 136, 82
Decimal	7702591
CIELab	53.76, -18.77, 36.50
CIElCh	54, 41.042, 117.213
Yxy	21.7491, 0.3641, 0.4648
Android (android.graphics.Color)	4285892671 (0xFF75883F)
YUV	121.9970, -29.0855, -4.3824
Hunter-Lab	46.6359, -16.4016, 22.4711

Details

The Hex color **75883F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **523F88**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ABBD71**, and **42560E** is the 20% darker color. If you saturate the color by 10%, you get **718831**, and if you desaturate by 10%, it is **79884D**.

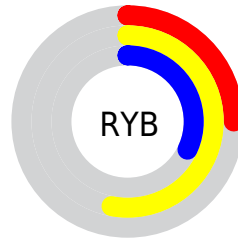
Distribution



Red (46%)

Green (53%)

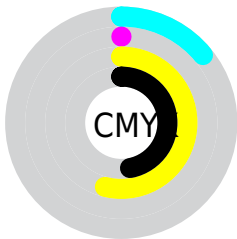
Blue (25%)



Red (25%)

Yellow (53%)

Blue (32%)

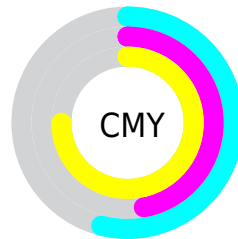


Cyan (14%)

Magenta (0%)

Yellow (54%)

Black (47%)



Cyan (54%)

Magenta (47%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75883F 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 75883F by changing the saturation by 10% instead.



75883F



75883F

FFFFFF



5B6F27



ABBD71



42560E



C6D98B



2B3F00



E3F6A6



132900



FFFFC1



001600



FFFFDD



000000



FFFFFFA



75883F



75883F



718831



79884D

 6E8824

 7C885A

 6A8816

 808868

 678809


 838875

 658800

 878883

 8A8891

 8E889E

 9188AC

 9588B9

Harmonies

Analogous

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



987D38



75883F



498F59

Triad

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



75883F



008EBB



C06385

Complementary

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



75883F



523F88

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.



A96BA7



75883F



3785C7

Square

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



75883F



0092A0



7E79BF



C26562

Rectangle

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



75883F



179170



7E79BF



BA6591

Sweetspot

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



75883F



A9B094



88513F



555948



D9D9D9



595959

Same Dimension

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



75883F



93B03F



51883F



43453E



628500



040500

Inverse Universe

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



523F88



5D3FB0



763F88



403E45



230085



010005

Previews

White Background



This preview shows how the Hex color 75883F looks on a white background.

Color Contrast Check

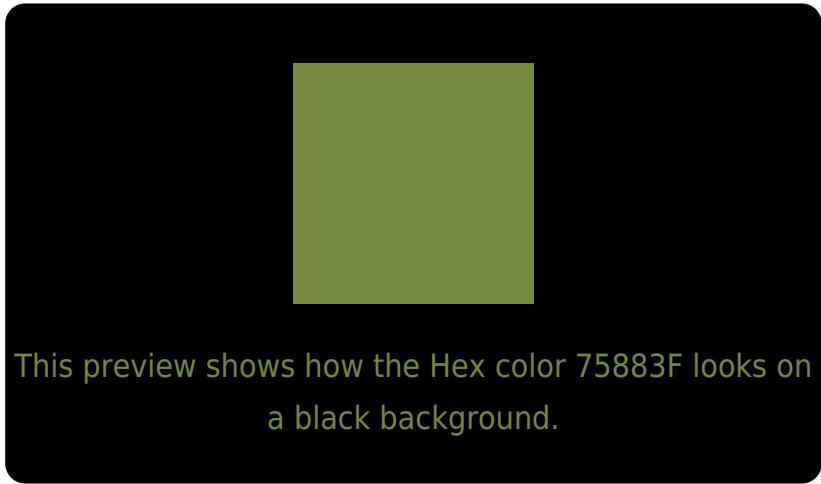
Large Text (above 18pt) WCAG AA ✓ Pass

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

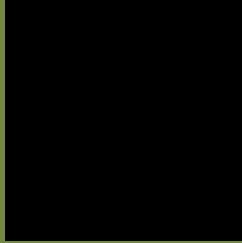
Any Text WCAG AA ✓ Pass

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 75883F Background



This preview shows how black text looks on a background with the Hex color 75883F.

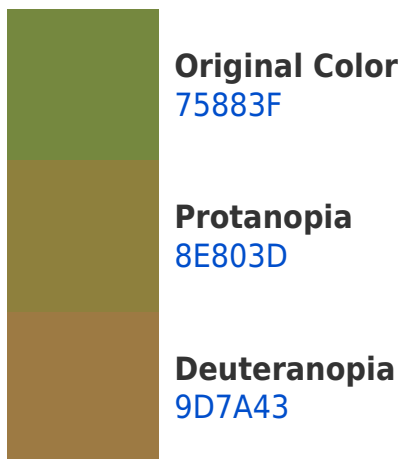


This preview shows how white text looks on a background with the Hex color 75883F.

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



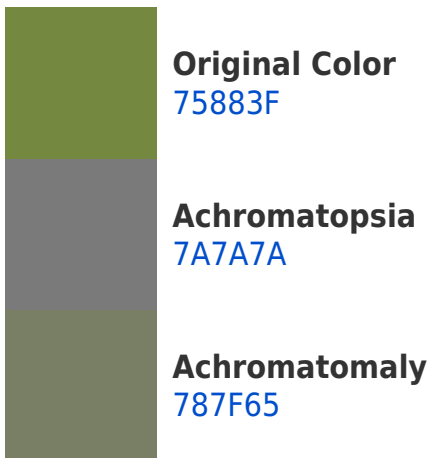


Tritanopia
7E808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75883F 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 #75883F looks like.

```
.text, #text, p{  
    color:#75883F  
}
```

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 #75883F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75883F  
}
```

Border

The CSS property to change the border of an element to Hex 75883F 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  
#75883F }
```

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

```
.border{ border-color:#75883F }
```

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

Here you see how a box with a 4 pixel #75883F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75883F; -webkit-box-shadow:4px 4px  
4px 4px #75883F; box-shadow:4px 4px 4px  
4px #75883F }
```

Background

The CSS property to change the background color of an element to Hex 75883F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75883F }
```

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

```
.background{ background-color:#75883F }
```

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