

# Converting Colors

Hex(70853B)

Have a look what the booklet for  
Hex(70853B) contains.

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**Color**

**Hex(70853B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70853B
RGB	112, 133, 59
RGB Percent	44%, 52%, 23%
CMY	0.5608, 0.4784, 0.7686
CMYK	0.16, 0.00, 0.56, 0.48
HSL	77°, 39%, 38%
HSV	77°, 56%, 52%
XYZ	15.8590, 20.5356, 7.2656
YIQ	118.2850, 11.2380, -27.4660

# Conversions

## Conversions Part 2

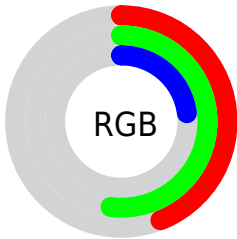
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 133, 80
Decimal	7374139
CIELab	52.44, -19.72, 36.87
CIELCh	52, 41.819, 118.143
Yxy	20.5356, 0.3632, 0.4704
Android (android.graphics.Color)	4285564219 (0xFF70853B)
YUV	118.2850, -29.2275, -5.5119
Hunter-Lab	45.3162, -16.8347, 22.2153

# Details

The Hex color **70853B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **503B85**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A5BA6D**, and **3E5309** is the 20% darker color. If you saturate the color by 10%, you get **6C852E**, and if you desaturate by 10%, it is **748548**.

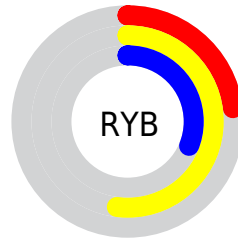
# Distribution



Red (44%)

Green (52%)

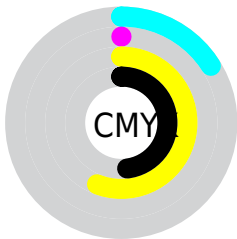
Blue (23%)



Red (23%)

Yellow (52%)

Blue (31%)

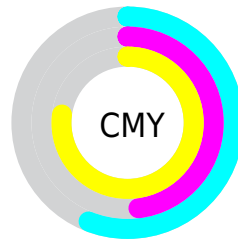


Cyan (16%)

Magenta (0%)

Yellow (56%)

Black (48%)



Cyan (56%)

Magenta (48%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70853B 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 70853B by changing the saturation by 10% instead.





70853B



70853B

FFFFFF



566C23



A5BA6D



3E5309



C1D687



273C00



DDF2A1



0D2600



FAFFBD



001000



FFFFD9



000000



FFFFF5



70853B



70853B



6C852E



748548

 688520

 788556

 658513

 7B8563

 618506

 7F8570

 5F8500

 83857E

 87858B

 8A8598

 8E85A5

 9285B3

# Harmonies

## Analogous

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



947A33



70853B



428C56

# Triad

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



70853B



008AB9



BD5F81

# Complementary

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



70853B



503B85

# 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.



A767A3



70853B



3182C5

# Square

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



70853B



008F9E



7C75BC



BF625D

# Rectangle

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



70853B



008E6D



7C75BC



B8608D



# Sweetspot

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



70853B



A5AD90



85503B



525745



D6D6D6



575757



# Same Dimension

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



70853B



8CAD39



4B853B



40423C



5D8200



020300



# Inverse Universe

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



503B85



5A39AD



753B85



3E3C42



250082



010003



# Previews

## White Background



This preview shows how the Hex color 70853B looks on a white background.

## Color Contrast Check

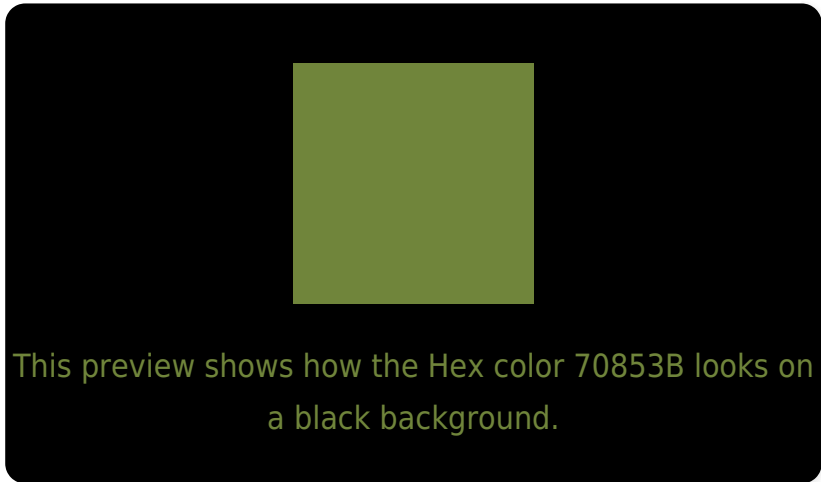
Large Text (above 18pt) WCAG AA ✓ Pass

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

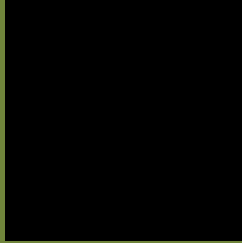
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 70853B Background



This preview shows how black text looks on a background with the Hex color 70853B.

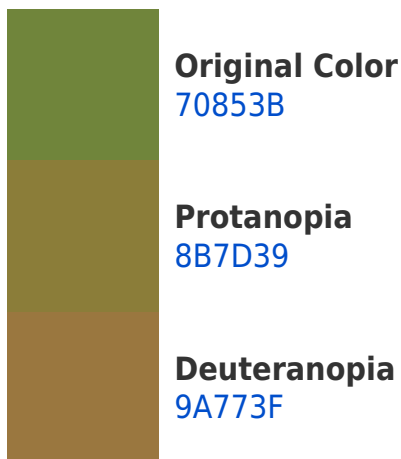



This preview shows how white text looks on a background with the Hex color 70853B.

# 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



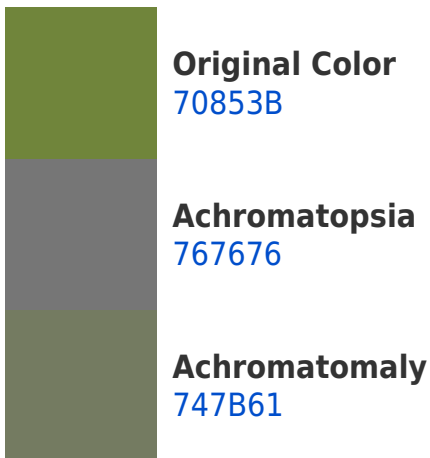


**Tritanopia**  
797D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70853B 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 #70853B looks like.

```
.text, #text, p{  
    color:#70853B  
}
```

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 #70853B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70853B
}
```

## Border

The CSS property to change the border of an element to Hex 70853B 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
#70853B }
```

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

```
.border{ border-color:#70853B }
```

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

Here you see how a box with a 4 pixel #70853B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70853B; -webkit-box-shadow:4px 4px  
4px 4px #70853B; box-shadow:4px 4px 4px  
4px #70853B }
```

# Background

The CSS property to change the background color of an element to Hex 70853B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70853B }
```

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

```
.background{ background-color:#70853B }
```

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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