

Converting Colors

Hex(7B963D)

Have a look what the booklet for
Hex(7B963D) contains.

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Color

Hex(7B963D)

Conversions

Conversions Part 1

Format	Color
Hex	7B963D
RGB	123, 150, 61
RGB Percent	48%, 59%, 24%
CMY	0.5176, 0.4118, 0.7608
CMYK	0.18, 0.00, 0.59, 0.41
HSL	78°, 42%, 41%
HSV	78°, 59%, 59%
XYZ	19.9170, 26.3606, 8.4532
YIQ	131.7810, 12.4770, -33.4030

Conversions

Conversions Part 2

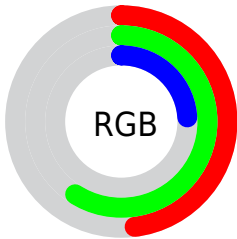
Format	Color
RYB	61, 150, 88
Decimal	8099389
CIELab	58.38, -23.61, 42.92
CIElCh	58, 48.983, 118.817
Yxy	26.3606, 0.3639, 0.4816
Android (android.graphics.Color)	4286289469 (0xFF7B963D)
YUV	131.7810, -34.8950, -7.7009
Hunter-Lab	51.3425, -20.6049, 26.1780

Details

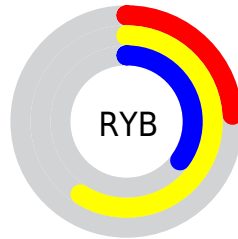
The Hex color **7B963D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **583D96**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B1CC70**, and **476306** is the 20% darker color. If you saturate the color by 10%, you get **76962E**, and if you desaturate by 10%, it is **80964C**.

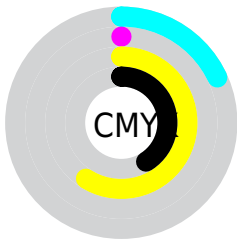
Distribution



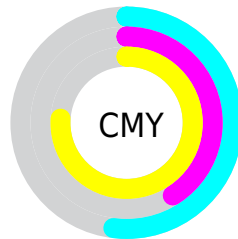
- Red (48%)
- Green (59%)
- Blue (24%)



- Red (24%)
- Yellow (59%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (59%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B963D 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 7B963D by changing the saturation by 10% instead.

 7B963D

 7B963D

FFFFFF

 617C24

 B1CC70

 476306

 CEE88A

 2F4B00

 EAFFA5

 153400

 FFFFC1

 002000

 FFFFDD

 000000

 FFFFFA

 7B963D

 7B963D

 76962E

 80964C

72961F

84965B

6D9610

89966A

699601

8D9679

689600

929688

969697

9B96A6

9F96B5

A496C4

Harmonies

Analogous

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



A68A32



7B963D



429E5E

Triad

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



7B963D



009CD5



D96790

Complementary

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



7B963D



583D96

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.



BF71B9



7B963D



2892E2

Square

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



7B963D



00A1B4



8B82D8



DA6B65

Rectangle

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



7B963D



00A17A



8B82D8



D3699E

Sweetspot

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



7B963D



B7C29F



96583D



5A614C



E0E0E0



616161

Same Dimension

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



7B963D



98C238



4F963D



484A43



608A00



070A00

Inverse Universe

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



583D96



6238C2



843D96



45434A



2A008A



03000A

Previews

White Background



This preview shows how the Hex color 7B963D looks on a white background.

Color Contrast Check

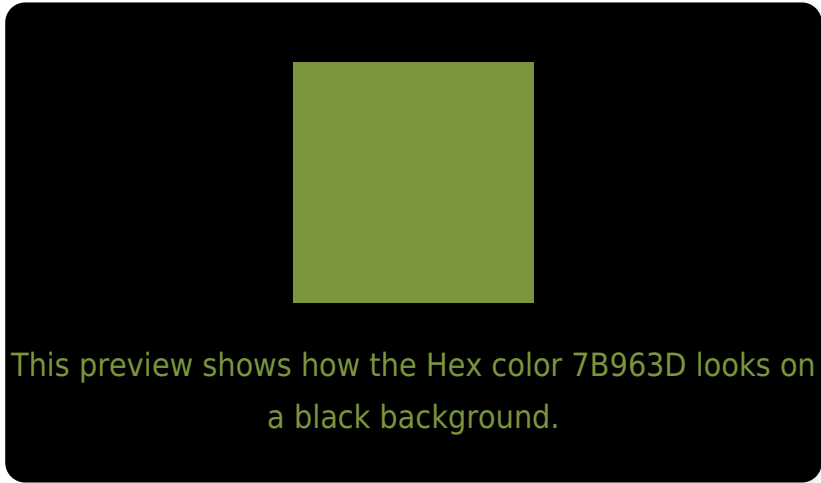
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B963D Background



This preview shows how black text looks on a background with the Hex color 7B963D.

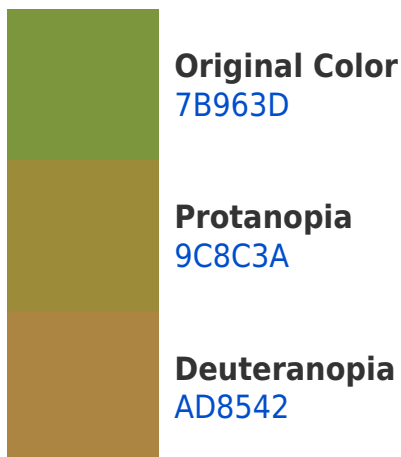


This preview shows how white text looks on a background with the Hex color 7B963D.

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](#).

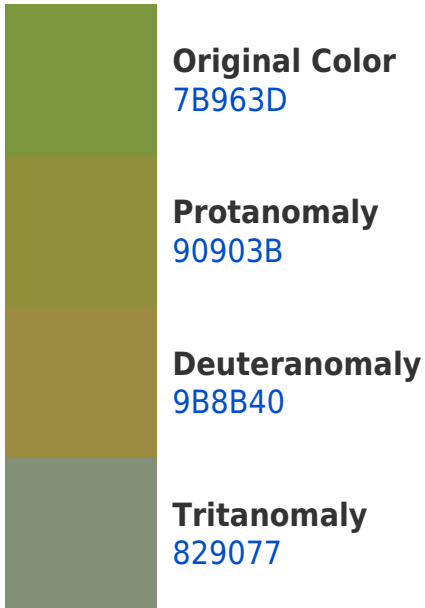
Dichromacy



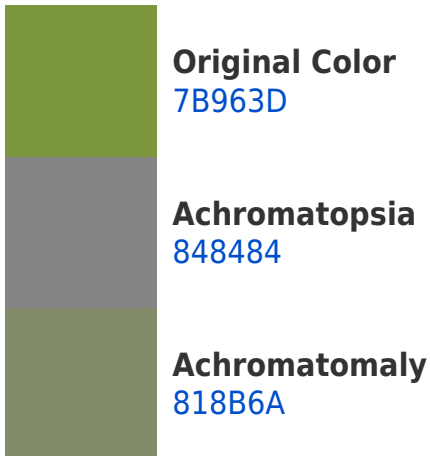


Tritanopia
868D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B963D 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 #7B963D looks like.

```
.text, #text, p{  
    color:#7B963D  
}
```

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 #7B963D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B963D
}
```

Border

The CSS property to change the border of an element to Hex 7B963D 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
#7B963D }
```

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

```
.border{ border-color:#7B963D }
```

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

Here you see how a box with a 4 pixel #7B963D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B963D; -webkit-box-shadow:4px 4px  
4px 4px #7B963D; box-shadow:4px 4px 4px  
4px #7B963D }
```

Background

The CSS property to change the background color of an element to Hex 7B963D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B963D }
```

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

```
.background{ background-color:#7B963D }
```

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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