

Converting Colors

Hex(7B903A)

Have a look what the booklet for
Hex(7B903A) contains.

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Color

Hex(7B903A)

Conversions

Conversions Part 1

Format	Color
Hex	7B903A
RGB	123, 144, 58
RGB Percent	48%, 56%, 23%
CMY	0.5176, 0.4353, 0.7725
CMYK	0.15, 0.00, 0.60, 0.44
HSL	75°, 43%, 40%
HSV	75°, 60%, 56%
XYZ	18.9054, 24.4630, 7.7284
YIQ	127.9170, 15.0900, -31.1980

Conversions

Conversions Part 2

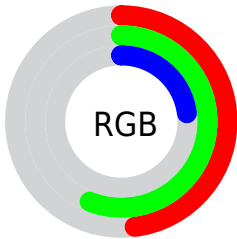
Format	Color
RYB	58, 144, 79
Decimal	8097850
CIELab	56.55, -20.84, 42.28
CIElCh	57, 47.133, 116.243
Yxy	24.4630, 0.3700, 0.4788
Android (android.graphics.Color)	4286287930 (0xFF7B903A)
YUV	127.9170, -34.4691, -4.3122
Hunter-Lab	49.4600, -18.3261, 25.3577

Details

The Hex color **7B903A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F3A90**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B1C66C**, and **475E03** is the 20% darker color. If you saturate the color by 10%, you get **77902C**, and if you desaturate by 10%, it is **7F9048**.

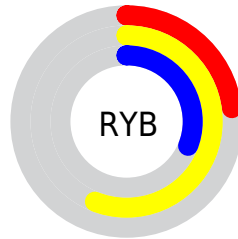
Distribution



Red (48%)

Green (56%)

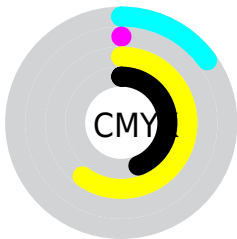
Blue (23%)



Red (23%)

Yellow (56%)

Blue (31%)

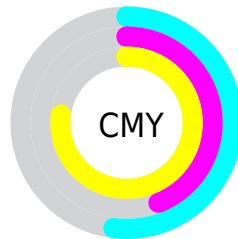


Cyan (15%)

Magenta (0%)

Yellow (60%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B903A 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 7B903A by changing the saturation by 10% instead.



7B903A



7B903A

FFFFFF



617621



B1C66C



475E03



CDE287



2F4600



EAFFA2



162F00



FFFFBD



001C00



FFFFD9



000000



FFFFF6



7B903A



7B903A



77902C



7F9048

 74901D

 829057

 70900F

 869065

 6D9000

 899074

 8D9082

 909090

 94909F

 9790AD

 9B90BC

Harmonies

Analogous

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



A38432



7B903A



479858

Triad

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



7B903A



0097CB



D0648F

Complementary

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



7B903A



4F3A90

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.



B56EB6



7B903A



188ED9

Square

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



7B903A



009CAB



817FD1



D36766

Rectangle

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



7B903A



009B73



817FD1



CA669C

Sweetspot

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



7B903A



B2BA99



904E3A



595E4A



DEDEDE



5E5E5E

Same Dimension

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



7B903A



99BA34



51903A



464740



668700



060800

Inverse Universe

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



4F3A90



5534BA



793A90



424047



210087



020008

Previews

White Background



This preview shows how the Hex color 7B903A looks on a white background.

Color Contrast Check

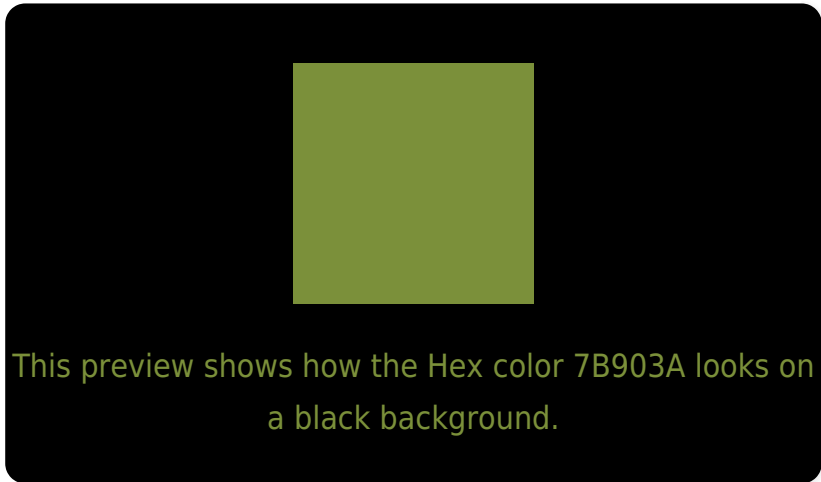
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B903A Background



This preview shows how black text looks on a background with the Hex color 7B903A.

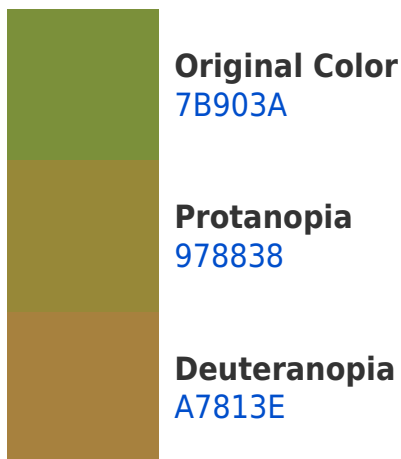


This preview shows how white text looks on a background with the Hex color 7B903A.

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
858792

Trichromacy



Original Color
7B903A

Protanomaly
8D8B39

Deuteranomaly
97863D

Tritanomaly
818A72

Monochromacy



Original Color
7B903A

Achromatopsia
808080

Achromatomaly
7E8667

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B903A 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 #7B903A looks like.

```
.text, #text, p{  
    color:#7B903A  
}
```

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 #7B903A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B903A
}
```

Border

The CSS property to change the border of an element to Hex 7B903A 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
#7B903A }
```

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

```
.border{ border-color:#7B903A }
```

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

Here you see how a box with a 4 pixel #7B903A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B903A; -webkit-box-shadow:4px 4px  
4px 4px #7B903A; box-shadow:4px 4px 4px  
4px #7B903A }
```

Background

The CSS property to change the background color of an element to Hex 7B903A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B903A }
```

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

```
.background{ background-color:#7B903A }
```

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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