

# Converting Colors

Hex(7B9751)

Have a look what the booklet for  
Hex(7B9751) contains.

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**Color**

**Hex(7B9751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B9751
RGB	123, 151, 81
RGB Percent	48%, 59%, 32%
CMY	0.5176, 0.4078, 0.6824
CMYK	0.19, 0.00, 0.46, 0.41
HSL	84°, 30%, 45%
HSV	84°, 46%, 59%
XYZ	20.7202, 26.9383, 11.8921
YIQ	134.6480, 5.7820, -27.7060

# Conversions

## Conversions Part 2

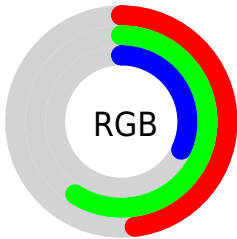
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 151, 109
Decimal	8099665
CIELab	58.92, -22.00, 33.57
CIElCh	59, 40.131, 123.237
Yxy	26.9383, 0.3479, 0.4524
Android (android.graphics.Color)	4286289745 (0xFF7B9751)
YUV	134.6480, -26.4485, -10.2153
Hunter-Lab	51.9021, -19.5684, 22.7466

# Details

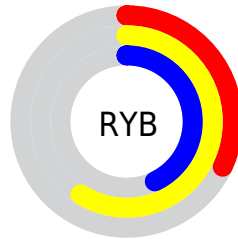
The Hex color **7B9751** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6D5197**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B1CD84**, and **486421** is the 20% darker color. If you saturate the color by 10%, you get **759742**, and if you desaturate by 10%, it is **819760**.

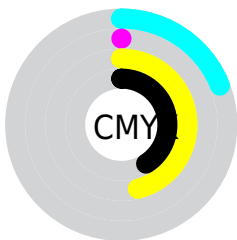
# Distribution



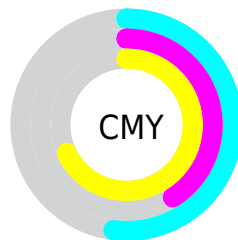
- Red (48%)
- Green (59%)
- Blue (32%)



- Red (32%)
- Yellow (59%)
- Blue (43%)



- Cyan (19%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9751 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 7B9751 by changing the saturation by 10% instead.



 7B9751

 7B9751

FFFFFF

 617D39

 B1CD84

 486421

 CDEA9E

 304C08

 E9FFB9

 1A3500

 FFFFD5

 002000

 FFFFF2

 000000

 7B9751

 7B9751

 759742

 819760

 6F9733

 87976F

■ 699724

■ 8D977E

■ 639715

■ 93978D

■ 5D9705

■ 99979C

■ 5B9700

■ 9F97AC

■ A597BB

■ AB97CA

■ B197D9

# Harmonies

## Analogous

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



A08D46



7B9751



4E9D6D

# Triad

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



7B9751



009ACC



CF718B

# Complementary

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



7B9751



6D5197

# 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.



BD77AE



7B9751



5B90D4

# Square

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



7B9751



009FB3



9683C9



CE7569

# Rectangle

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



7B9751



1F9F84



9683C9



CB7297



# Sweetspot

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



7B9751



B9C4A9



976D51



5D6353



E3E3E3



636363



# Same Dimension

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



7B9751



98C456



589751



494D45



548C00



080D00



# Inverse Universe

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



6D5197



8256C4



905197



48454D



38008C



05000D



# Previews

## White Background



This preview shows how the Hex color 7B9751 looks on a white background.

## Color Contrast Check

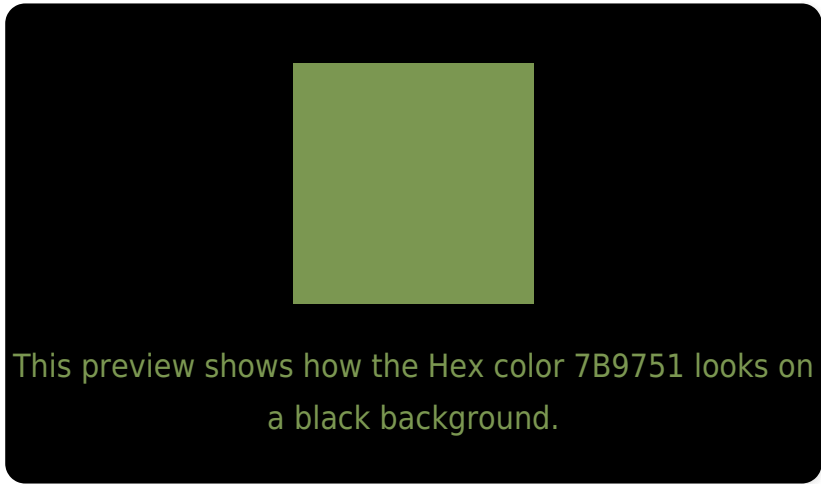
Large Text (above 18pt) WCAG AA ✓ Pass

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

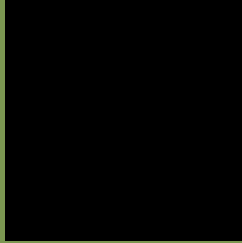
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B9751 Background



This preview shows how black text looks on a background with the Hex color 7B9751.



This preview shows how white text looks on a background with the Hex color 7B9751.

# 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



**Original Color**  
7B9751

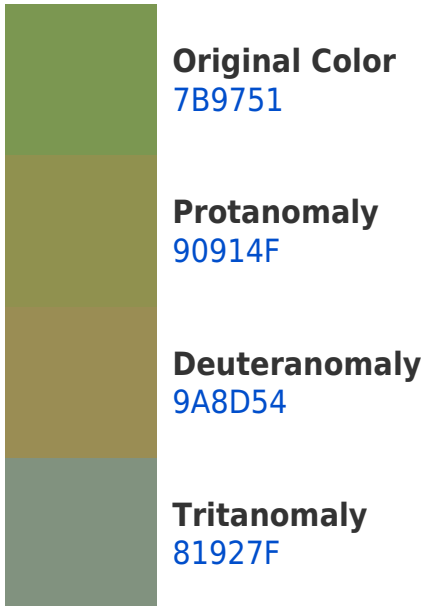
**Protanopia**  
9C8E4E

**Deuteranopia**  
AC8755



**Tritanopia**  
858F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9751 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 #7B9751 looks like.

```
.text, #text, p{  
    color:#7B9751  
}
```

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 #7B9751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9751
}
```

## Border

The CSS property to change the border of an element to Hex 7B9751 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
#7B9751 }
```

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

```
.border{ border-color:#7B9751 }
```

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

Here you see how a box with a 4 pixel #7B9751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9751; -webkit-box-shadow:4px 4px  
4px 4px #7B9751; box-shadow:4px 4px 4px  
4px #7B9751 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9751 }
```

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

```
.background{ background-color:#7B9751 }
```

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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