

# Converting Colors

Hex(7B9757)

Have a look what the booklet for  
Hex(7B9757) contains.

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**Color**

**Hex(7B9757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B9757
RGB	123, 151, 87
RGB Percent	48%, 59%, 34%
CMY	0.5176, 0.4078, 0.6588
CMYK	0.19, 0.00, 0.42, 0.41
HSL	86°, 27%, 47%
HSV	86°, 42%, 59%
XYZ	20.9553, 27.0323, 13.1301
YIQ	135.3320, 3.8560, -25.8400

# Conversions

## Conversions Part 2

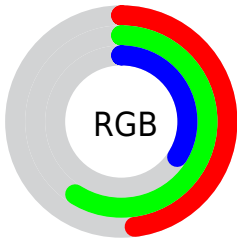
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 151, 115
Decimal	8099671
CIELab	59.00, -21.24, 30.51
CIElCh	59, 37.172, 124.843
Yxy	27.0323, 0.3429, 0.4423
Android (android.graphics.Color)	4286289751 (0xFF7B9757)
YUV	135.3320, -23.8277, -10.8152
Hunter-Lab	51.9926, -19.0437, 21.4218

# Details

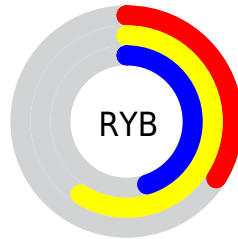
The Hex color **7B9757** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **735797**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B1CD8A**, and **496428** is the 20% darker color. If you saturate the color by 10%, you get **749748**, and if you desaturate by 10%, it is **829766**.

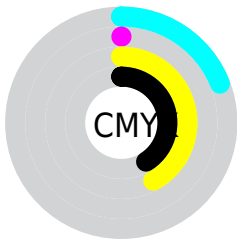
# Distribution



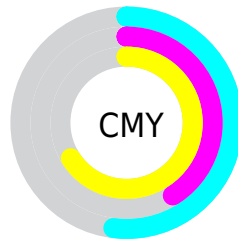
- Red (48%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (45%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9757 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 7B9757 by changing the saturation by 10% instead.





7B9757



7B9757

FFFFFF



617D3F



B1CD8A



496428



CCEAA4



314C10



E9FFC0



1B3500



FFFFDC



002000



FFFFFF9



000000



7B9757



7B9757



749748



829766



6E9739



889775

67972A

8F9784

61971B

959793

5A970B

9C97A3

559700

A397B2

A997C1

B097D0

B697DF

# Harmonies

## Analogous

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



9E8E4C



7B9757



529D71

# Triad

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



7B9757



1499C8



CC748A

# Complementary

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



7B9757



735797

# 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.



BB78AA



7B9757



6590CF

# Square

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



7B9757



009EB2



9883C4



CA786A

# Rectangle

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



7B9757



2E9F87



9883C4



C87495



# Sweetspot

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



7B9757



B9C4AB



977357



5C6354



E3E3E3



636363



# Same Dimension

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



7B9757



99C460



5B9757



494D45



4F8C00



070D00



# Inverse Universe

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



735797



8C60C4



935797



48454D



3D008C



06000D



# Previews

## White Background



This preview shows how the Hex color 7B9757 looks on a white background.

## Color Contrast Check

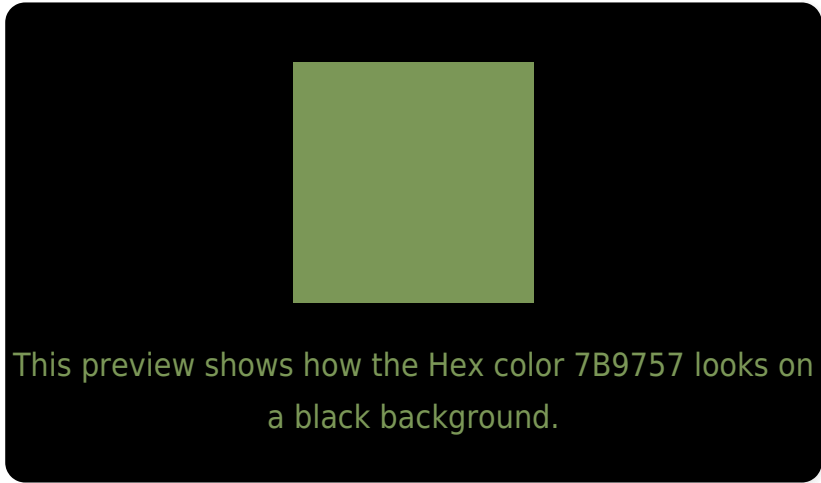
Large Text (above 18pt) WCAG AA ✓ Pass

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

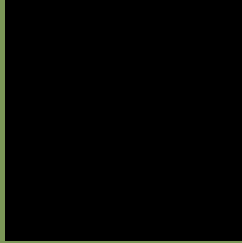
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B9757 Background



This preview shows how black text looks on a background with the Hex color 7B9757.



This preview shows how white text looks on a background with the Hex color 7B9757.

# 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](#).

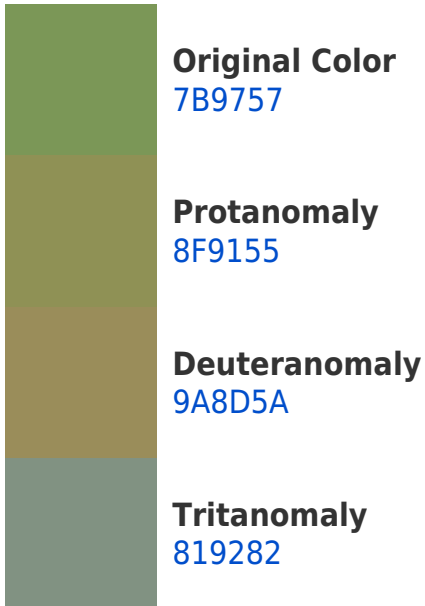
## Dichromacy



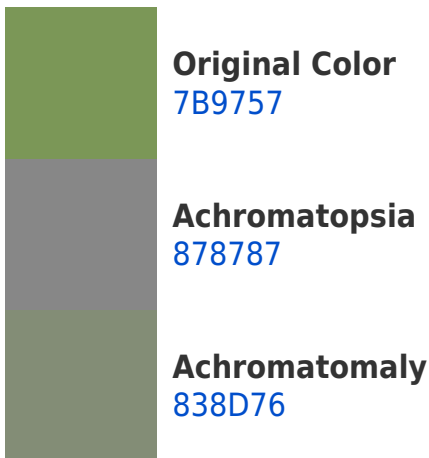


**Tritanopia**  
848F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9757 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 #7B9757 looks like.

```
.text, #text, p{  
    color:#7B9757  
}
```

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 #7B9757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9757
}
```

## Border

The CSS property to change the border of an element to Hex 7B9757 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
#7B9757 }
```

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

```
.border{ border-color:#7B9757 }
```

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

Here you see how a box with a 4 pixel #7B9757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9757; -webkit-box-shadow:4px 4px  
4px 4px #7B9757; box-shadow:4px 4px 4px  
4px #7B9757 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9757 }
```

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

```
.background{ background-color:#7B9757 }
```

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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