

# Converting Colors

Hex(7B972E)

Have a look what the booklet for  
Hex(7B972E) contains.

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**Color**

**Hex(7B972E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B972E
RGB	123, 151, 46
RGB Percent	48%, 59%, 18%
CMY	0.5176, 0.4078, 0.8196
CMYK	0.19, 0.00, 0.70, 0.41
HSL	76°, 53%, 39%
HSV	76°, 70%, 59%
XYZ	19.7281, 26.5414, 6.6680
YIQ	130.6580, 17.0170, -38.5910

# Conversions

## Conversions Part 2

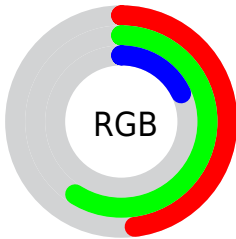
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 151, 74</a>
Decimal	<a href="#">8099630</a>
CIELab	<a href="#">58.55, -25.28, 49.70</a>
CIELCh	<a href="#">59, 55.759, 116.965</a>
Yxy	<a href="#">26.5414, 0.3727, 0.5014</a>
Android (android.graphics.Color)	<a href="#">4286289710 (0xFF7B972E)</a>
YUV	<a href="#">130.6580, -41.7364, -6.7161</a>
Hunter-Lab	<a href="#">51.5184, -21.8035, 28.3890</a>

# Details

The Hex color **7B972E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4A2E97**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B2CD62**, and **466400** is the 20% darker color. If you saturate the color by 10%, you get **77971F**, and if you desaturate by 10%, it is **7F973D**.

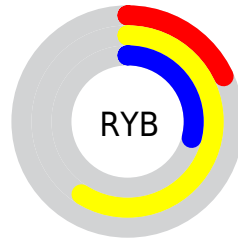
# Distribution



Red (48%)

Green (59%)

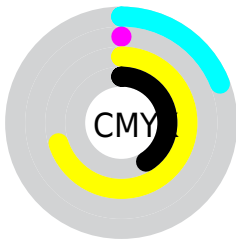
Blue (18%)



Red (18%)

Yellow (59%)

Blue (29%)

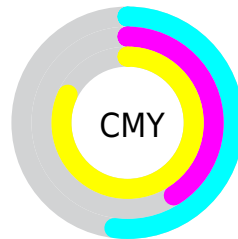


Cyan (19%)

Magenta (0%)

Yellow (70%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B972E 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 7B972E by changing the saturation by 10% instead.



 7B972E

 7B972E

FFFFFF

 607D10

 B2CD62

 466400

 CEEA7D

 2E4C00

 EBFF97

 123500

 FFFFB3

 002100

 FFFFCF

 000000

 FFFFEC

 7B972E

 7B972E

 77971F

 7F973D

■ 739710

■ 83974C

■ 6F9701

■ 87975B

■ 6F9700

■ 8B976A

■ 8F977A

■ 939789

■ 979798

■ 9B97A7

■ 9F97B6

# Harmonies

## Analogous

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



AB8922



7B972E



37A055

# Triad

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



7B972E



009FDE



E26094

# Complementary

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



7B972E



4A2E97

# 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.



C36DC3



7B972E



0094EE

# Square

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



7B972E



00A4B8



8582E4



E46463

# Rectangle

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



7B972E



00A375



8582E4



DB62A4



# Sweetspot

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



7B972E



B9C49B



974A2E



5D634B



E3E3E3



636363



# Same Dimension

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



7B972E



99C421



47972E



4A4D45



678C00



090D00



# Inverse Universe

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



4A2E97



4D21C4



7E2E97



47454D



25008C



03000D



# Previews

## White Background



This preview shows how the Hex color 7B972E looks on a white background.

## Color Contrast Check

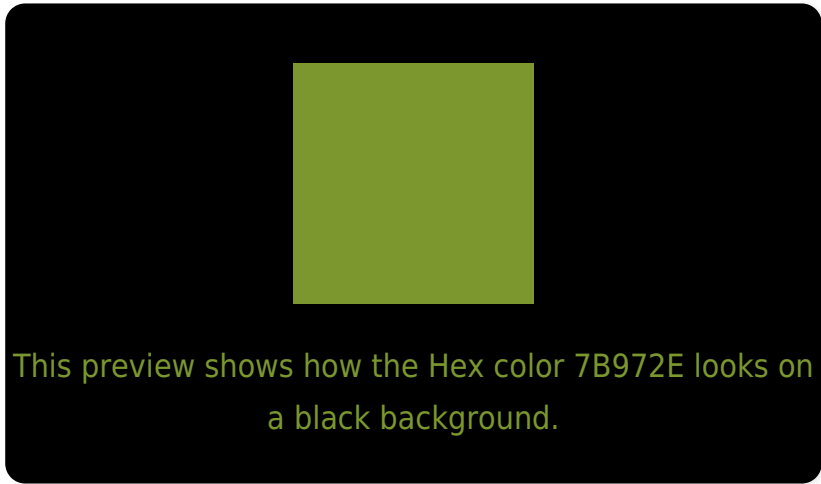
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B972E Background



This preview shows how black text looks on a background with the Hex color 7B972E.



This preview shows how white text looks on a background with the Hex color 7B972E.

# 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**  
7B972E

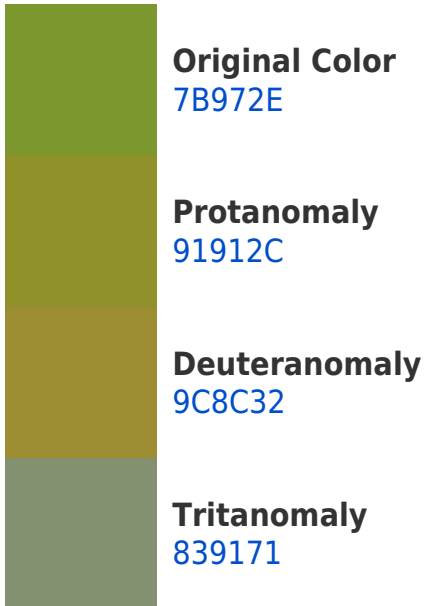
**Protanopia**  
9D8D2B

**Deuteranopia**  
AF8534

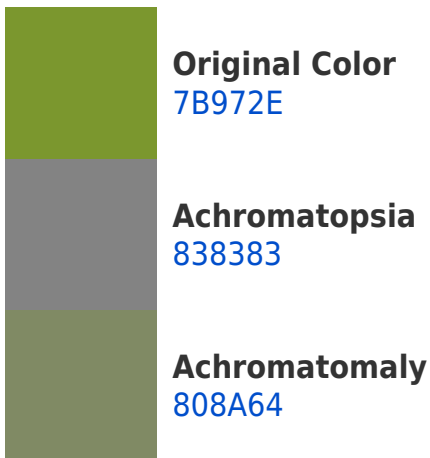


**Tritanopia**  
878D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B972E 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 #7B972E looks like.

```
.text, #text, p{  
    color:#7B972E  
}
```

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 #7B972E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B972E
}
```

## Border

The CSS property to change the border of an element to Hex 7B972E 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
#7B972E }
```

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

```
.border{ border-color:#7B972E }
```

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

Here you see how a box with a 4 pixel #7B972E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B972E; -webkit-box-shadow:4px 4px  
4px 4px #7B972E; box-shadow:4px 4px 4px  
4px #7B972E }
```

# Background

The CSS property to change the background color of an element to Hex 7B972E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B972E }
```

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

```
.background{ background-color:#7B972E }
```

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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