

# Converting Colors

Hex(7E7009)

Have a look what the booklet for  
Hex(7E7009) contains.

<b>Hex(7E7009)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7E7009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7009
RGB	126, 112, 9
RGB Percent	49%, 44%, 4%
CMY	0.5059, 0.5608, 0.9647
CMYK	0.00, 0.11, 0.93, 0.51
HSL	53°, 87%, 26%
HSV	53°, 93%, 49%
XYZ	14.4477, 16.0437, 2.5937
YIQ	104.4440, 41.4070, -29.0650

# Conversions

## Conversions Part 2

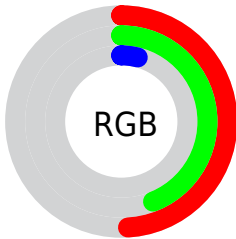
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 126, 9
Decimal	8286217
CIE Lab	47.03, -4.85, 51.13
CIE LCh	47, 51.358, 95.413
Yxy	16.0437, 0.4367, 0.4849
Android (android.graphics.Color)	4286476297 (0xFF7E7009)
YUV	104.4440, -47.0539, 18.9046
Hunter-Lab	40.0546, -5.7106, 24.1989

# Details

The Hex color **7E7009** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **09177E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B6A343**, and **494100** is the 20% darker color. If you saturate the color by 10%, you get **7E6F00**, and if you desaturate by 10%, it is **7E7216**.

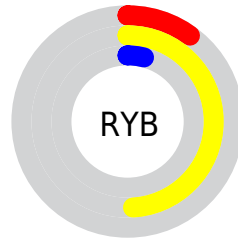
# Distribution



Red (49%)

Green (44%)

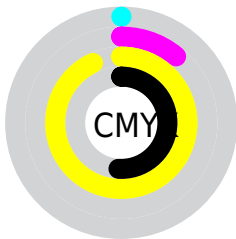
Blue (4%)



Red (10%)

Yellow (49%)

Blue (4%)

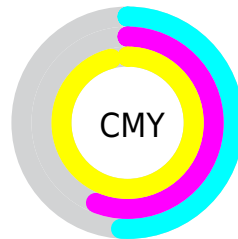


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7009 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 7E7009 by changing the saturation by 10% instead.





7E7009



7E7009

FFFFFF



635800



B6A343



494100



D3BE5D



2F2B00



F0DA77



161700



FFF692



000000



FFFFAD



FFFFC9



FFFFE6



7E7009



7E7009

■ 7E6F00

■ 7E7216

■ 7E7322

■ 7E752F

■ 7E763B

■ 7E7848

■ 7E7955

■ 7E7B61

■ 7E7C6E

■ 7E7E7A

# Harmonies

## Analogous

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



A1601D



7E7009



517B22

# Triad

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



7E7009



0083A1



AA4E94

# Complementary

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



7E7009



09177E

# 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.



7B61B6



7E7009



007DBE

# Square

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



7E7009



008476



0072C6



BD4569

# Rectangle

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



7E7009



23803C



0072C6



9D54A1



# Sweetspot

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



7E7009



A39E76



7E0919



524E36



D1D1D1



525252



# Same Dimension

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



7E7009



A39000



537E09



403F39



807000



000000



# Inverse Universe

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



09177E



0014A3



34097E



393A40



000F80

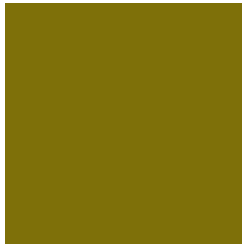


000000



# Previews

## White Background



This preview shows how the Hex color 7E7009 looks on a white background.

## Color Contrast Check

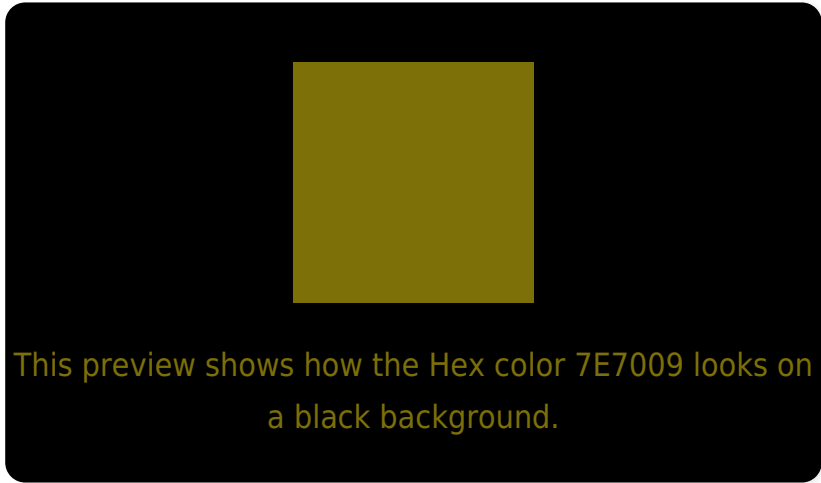
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7E7009 Background



This preview shows how black text looks on a background with the Hex color 7E7009.



This preview shows how white text looks on a background with the Hex color 7E7009.

# 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**  
7E7009

**Protanopia**  
7E7009

**Deuteranopia**  
8D6A10

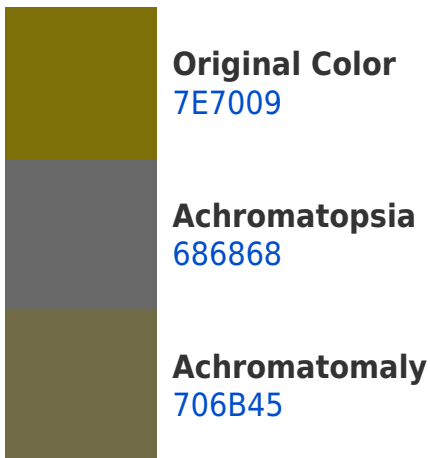


**Tritanopia**  
846870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7009 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 #7E7009 looks like.

```
.text, #text, p{  
    color:#7E7009  
}
```

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 #7E7009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7009
}
```

## Border

The CSS property to change the border of an element to Hex 7E7009 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
#7E7009 }
```

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

```
.border{ border-color:#7E7009 }
```

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

Here you see how a box with a 4 pixel #7E7009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7009; -webkit-box-shadow:4px 4px  
4px 4px #7E7009; box-shadow:4px 4px 4px  
4px #7E7009 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7009 }
```

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

```
.background{ background-color:#7E7009 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor