

# Converting Colors

Hex(7A751E)

Have a look what the booklet for  
Hex(7A751E) contains.

<b>Hex(7A751E)</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(7A751E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A751E
RGB	122, 117, 30
RGB Percent	48%, 46%, 12%
CMY	0.5216, 0.5412, 0.8824
CMYK	0.00, 0.04, 0.75, 0.52
HSL	57°, 61%, 30%
HSV	57°, 75%, 48%
XYZ	14.6217, 16.9539, 3.7301
YIQ	108.5770, 30.9070, -25.9970

# Conversions

## Conversions Part 2

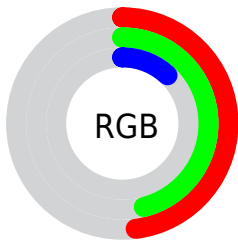
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 122, 30
Decimal	8025374
CIELab	48.20, -8.82, 45.74
CIElCh	48, 46.580, 100.917
Yxy	16.9539, 0.4141, 0.4802
Android (android.graphics.Color)	4286215454 (0xFF7A751E)
YUV	108.5770, -38.7385, 11.7720
Hunter-Lab	41.1751, -8.6694, 23.4515

# Details

The Hex color **7A751E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E237A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B1A951**, and **464500** is the 20% darker color. If you saturate the color by 10%, you get **7A7412**, and if you desaturate by 10%, it is **7A762A**.

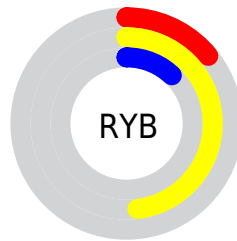
# Distribution



Red (48%)

Green (46%)

Blue (12%)



Red (14%)

Yellow (48%)

Blue (12%)

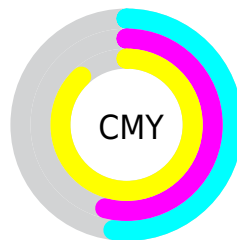


Cyan (0%)

Magenta (4%)

Yellow (75%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A751E 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 7A751E by changing the saturation by 10% instead.





7A751E



7A751E

FFFFFF



605D00



B1A951



464500



CDC46B



2D2F00



EAE085



141B00



FFFCA0



000000



FFFFBB



FFFFD7



FFFFF4



7A751E



7A751E

■ 7A7412

■ 7A762A

■ 7A7406

■ 7A7636

■ 7A7300

■ 7A7743

■ 7A784F

■ 7A785B

■ 7A7967

■ 7A7A73

■ 7A7A80

■ 7A7B8C

# Harmonies

## Analogous

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



9C6725



7A751E



4F7F33

# Triad

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



7A751E



0084A5



AD538D

# Complementary

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



7A751E



1E237A

# 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.



8762AE



7A751E



007EBC

# Square

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



7A751E



008680



4172C0



BA4E66

# Rectangle

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



7A751E



23824A



4172C0



A35799



# Sweetspot

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



7A751E



9E9C7A



7A1E24



4F4E39



CFCFCF



4F4F4F



# Same Dimension

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



7A751E



9E9610



527A1E



3D3D37



7D7600



FCEF00



# Inverse Universe

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



1E237A



10189E



461E7A



37373D



00077D



000EFC



# Previews

## White Background



This preview shows how the Hex color 7A751E looks on a white background.

## Color Contrast Check

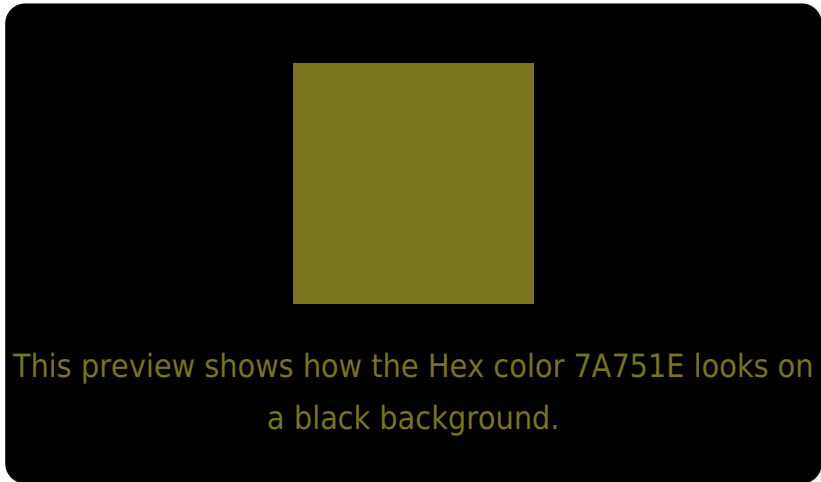
Large Text (above 18pt) WCAG AA ✓ Pass

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

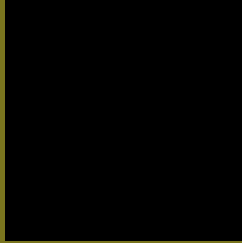
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A751E Background



This preview shows how black text looks on a background with the Hex color 7A751E.



This preview shows how white text looks on a background with the Hex color 7A751E.

# 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**  
7A751E

**Protanopia**  
81731D

**Deuteranopia**  
906D22



**Tritanopia**  
816D76

# Trichromacy



**Original Color**  
7A751E

**Protanomaly**  
7E741D

**Deuteranomaly**  
887021

**Tritanomaly**  
7E7056

# Monochromacy



**Original Color**  
7A751E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
727050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A751E 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 #7A751E looks like.

```
.text, #text, p{  
    color:#7A751E  
}
```

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 #7A751E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A751E
}
```

## Border

The CSS property to change the border of an element to Hex 7A751E 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
#7A751E }
```

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

```
.border{ border-color:#7A751E }
```

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

Here you see how a box with a 4 pixel #7A751E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A751E; -webkit-box-shadow:4px 4px  
4px 4px #7A751E; box-shadow:4px 4px 4px  
4px #7A751E }
```

# Background

The CSS property to change the background color of an element to Hex 7A751E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A751E }
```

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

```
.background{ background-color:#7A751E }
```

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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