

# Converting Colors

Hex(7A7F45)

Have a look what the booklet for  
Hex(7A7F45) contains.

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**Color**

**Hex(7A7F45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7F45
RGB	122, 127, 69
RGB Percent	48%, 50%, 27%
CMY	0.5216, 0.5020, 0.7294
CMYK	0.04, 0.00, 0.46, 0.50
HSL	65°, 30%, 38%
HSV	65°, 46%, 50%
XYZ	16.6896, 19.7460, 8.5619
YIQ	118.8930, 15.6380, -19.0980

# Conversions

## Conversions Part 2

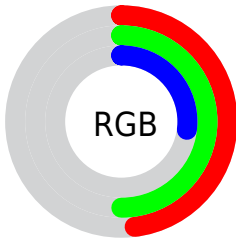
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 127, 74
Decimal	8027973
CIELab	51.55, -11.17, 30.78
CIELCh	52, 32.744, 109.948
Yxy	19.7460, 0.3709, 0.4388
Android (android.graphics.Color)	4286218053 (0xFF7A7F45)
YUV	118.8930, -24.5972, 2.7248
Hunter-Lab	44.4365, -10.7222, 19.6816

# Details

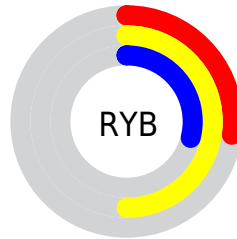
The Hex color **7A7F45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A457F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AFB476**, and **484E17** is the 20% darker color. If you saturate the color by 10%, you get **797F38**, and if you desaturate by 10%, it is **7B7F52**.

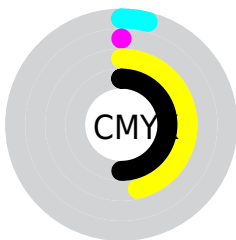
# Distribution



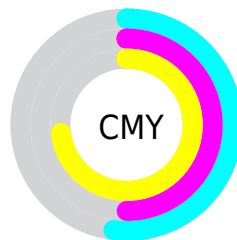
- Red (48%)
- Green (50%)
- Blue (27%)



- Red (27%)
- Yellow (50%)
- Blue (29%)



- Cyan (4%)
- Magenta (0%)
- Yellow (46%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7F45 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 7A7F45 by changing the saturation by 10% instead.



 7A7F45

 7A7F45

FFFFFF

 60662E

 AFB476

 484E17

 CBCF90

 303700

 E8EBAB

 1A2200

 FFFFC7

 000B00

 FFFF E3

 000000

 7A7F45

 7A7F45

 797F38

 7B7F52

 787F2C

 7C7F5E

 777F1F

 7D7F6B

 767F12

 7E7F78

 757F05

 7F7F84

 747F00

 817F91

 827F9E

 837FAB

 847FB7

# Harmonies

## Analogous

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



957643



7A7F45



5A8656

# Triad

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



7A7F45



0087A5



AB6685

# Complementary

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



7A7F45



4A457F

# 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.



956D9F



7A7F45



3D80B2

# Square

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



7A7F45



00898D



7077AF



B16569

# Rectangle

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



7A7F45



418867



7077AF



A5678F



# Sweetspot

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



7A7F45



A4A68F



7F4A45



535446



D4D4D4



545454



# Same Dimension

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



7A7F45



9EA64B



5D7F45



3F4039



758000



000000



# Inverse Universe

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



4A457F



524BA6



67457F



3A3940



0B0080



000000



# Previews

## White Background



This preview shows how the Hex color 7A7F45 looks on a white background.

## Color Contrast Check

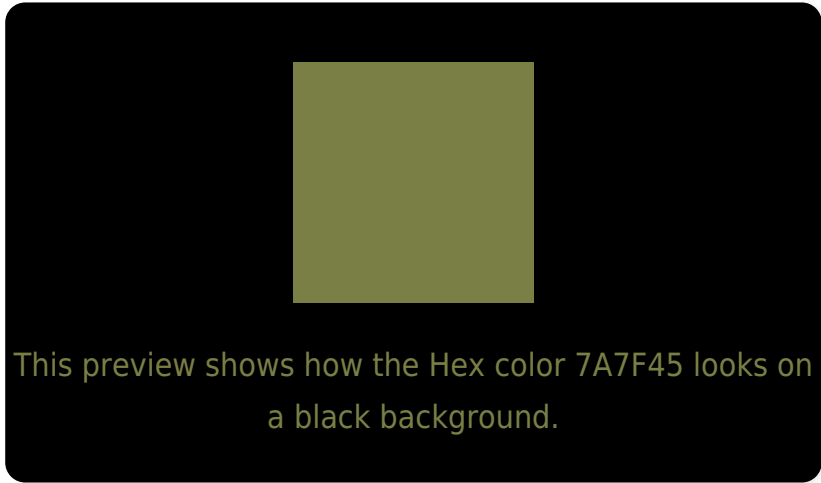
Large Text (above 18pt) WCAG AA ✓ Pass

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

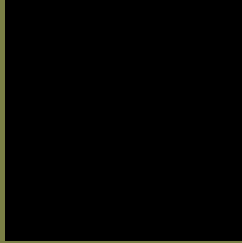
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A7F45 Background



This preview shows how black text looks on a background with the Hex color 7A7F45.



This preview shows how white text looks on a background with the Hex color 7A7F45.

# 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**  
7A7F45

**Protanopia**  
877B44

**Deuteranopia**  
957547



**Tritanopia**  
817882

# Trichromacy



**Original Color**  
7A7F45

**Protanomaly**  
827C44

**Deuteranomaly**  
8B7946

**Tritanomaly**  
7E7B6C

# Monochromacy



**Original Color**  
7A7F45

**Achromatopsia**  
777777

**Achromatomaly**  
787A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7F45 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 #7A7F45 looks like.

```
.text, #text, p{  
    color:#7A7F45  
}
```

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 #7A7F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7F45
}
```

## Border

The CSS property to change the border of an element to Hex 7A7F45 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
#7A7F45 }
```

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

```
.border{ border-color:#7A7F45 }
```

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

Here you see how a box with a 4 pixel #7A7F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7F45; -webkit-box-shadow:4px 4px  
4px 4px #7A7F45; box-shadow:4px 4px 4px  
4px #7A7F45 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7F45 }
```

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

```
.background{ background-color:#7A7F45 }
```

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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