

# Converting Colors

Hex(7F6726)

Have a look what the booklet for  
Hex(7F6726) contains.

<b>Hex(7F6726)</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(7F6726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F6726
RGB	127, 103, 38
RGB Percent	50%, 40%, 15%
CMY	0.5020, 0.5961, 0.8510
CMYK	0.00, 0.19, 0.70, 0.50
HSL	44°, 54%, 32%
HSV	44°, 70%, 50%
XYZ	13.9525, 14.3525, 3.8686
YIQ	102.7660, 35.1690, -15.1270

# Conversions

## Conversions Part 2

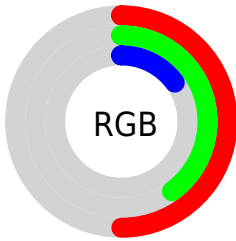
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 127, 38
Decimal	8349478
CIE Lab	44.73, 1.97, 38.96
CIE LCh	45, 39.014, 87.100
Yxy	14.3525, 0.4337, 0.4461
Android (android.graphics.Color)	4286539558 (0xFF7F6726)
YUV	102.7660, -31.9296, 21.2532
Hunter-Lab	37.8846, -0.5585, 20.4648

# Details

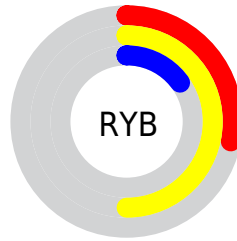
The Hex color **7F6726** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **263E7F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B69A57**, and **4B3800** is the 20% darker color. If you saturate the color by 10%, you get **7F6419**, and if you desaturate by 10%, it is **7F6A33**.

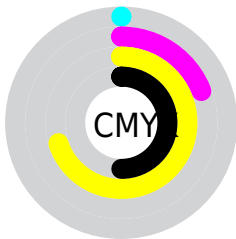
# Distribution



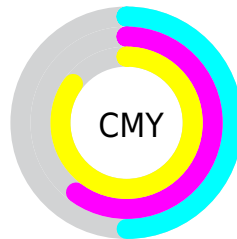
- Red (50%)
- Green (40%)
- Blue (15%)



- Red (28%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (19%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F6726 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 7F6726 by changing the saturation by 10% instead.



 7F6726

 7F6726

FFFFFF

 644F0D

 B69A57

 4B3800

 D3B570

 312300

 F0D08A

 190E00

 FFECA5

 000000

 FFFFC0

 FFFFDC

 FFFFF9

 7F6726

 7F6726

■ 7F6419

■ 7F6A33

■ 7F600D

■ 7F6E3F

■ 7F5D00

■ 7F714C

■ 7F7559

■ 7F7866

■ 7F7C72

■ 7F7F7F

■ 7F828C

■ 7F8698

# Harmonies

## Analogous

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



985B34



7F6726



5F712D

# Triad

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



7F6726



007A86



8F568E

# Complementary

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



7F6726



263E7F

# 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.



6663A4



7F6726



0076A0

# Square

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



7F6726



007A65



1A6EAB



A34E6E

# Rectangle

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



7F6726



45753C



1A6EAB



845A96



# Sweetspot

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



7F6726



A69C83



7F263F



544E3F



D4D4D4



545454



# Same Dimension

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



7F6726



A6801B



6C7F26



403E39



805D00



000000



# Inverse Universe

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



263E7F



1B40A6



39267F



393B40



002280

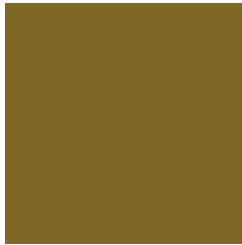


000000



# Previews

## White Background



This preview shows how the Hex color 7F6726 looks on a white background.

## Color Contrast Check

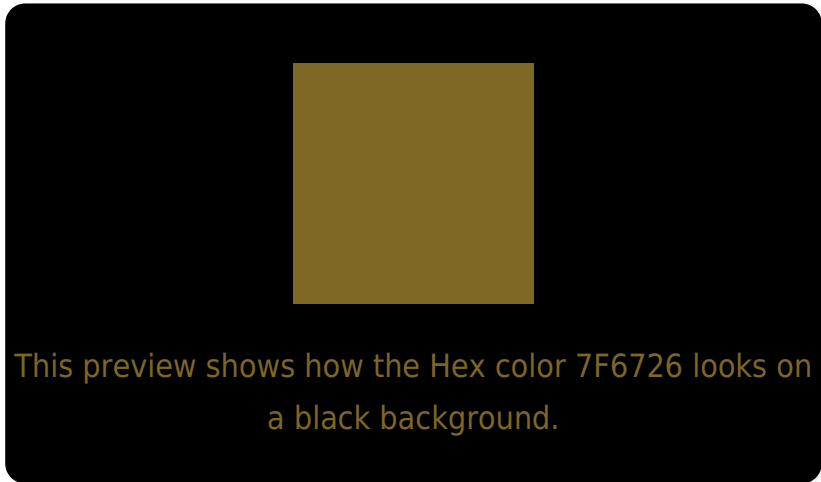
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F6726 Background



This preview shows how black text looks on a background with the Hex color 7F6726.



This preview shows how white text looks on a background with the Hex color 7F6726.

# 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**  
7F6726

**Protanopia**  
766A27

**Deuteranopia**  
846527



**Tritanopia**  
846068

# Trichromacy



**Original Color**  
7F6726

**Protanomaly**  
796927

**Deuteranomaly**  
826627

**Tritanomaly**  
826350

# Monochromacy



**Original Color**  
7F6726

**Achromatopsia**  
676767

**Achromatomaly**  
70674F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F6726 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 #7F6726 looks like.

```
.text, #text, p{  
    color:#7F6726  
}
```

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 #7F6726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6726
}
```

## Border

The CSS property to change the border of an element to Hex 7F6726 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
#7F6726 }
```

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

```
.border{ border-color:#7F6726 }
```

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

Here you see how a box with a 4 pixel #7F6726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6726; -webkit-box-shadow:4px 4px  
4px 4px #7F6726; box-shadow:4px 4px 4px  
4px #7F6726 }
```

# Background

The CSS property to change the background color of an element to Hex 7F6726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6726 }
```

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

```
.background{ background-color:#7F6726 }
```

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