

# Converting Colors

Hex(766A27)

Have a look what the booklet for  
Hex(766A27) contains.

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**Color**

**Hex(766A27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766A27
RGB	118, 106, 39
RGB Percent	46%, 42%, 15%
CMY	0.5373, 0.5843, 0.8471
CMYK	0.00, 0.10, 0.67, 0.54
HSL	51°, 50%, 31%
HSV	51°, 67%, 46%
XYZ	12.9915, 14.3061, 3.9961
YIQ	101.9500, 28.6590, -18.2930

# Conversions

## Conversions Part 2

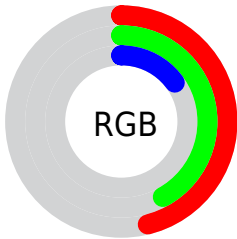
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 118, 39
Decimal	7760423
CIELab	44.67, -3.94, 38.14
CIELCh	45, 38.340, 95.905
Yxy	14.3061, 0.4151, 0.4572
Android (android.graphics.Color)	4285950503 (0xFF766A27)
YUV	101.9500, -31.0343, 14.0759
Hunter-Lab	37.8234, -4.8804, 20.2123

# Details

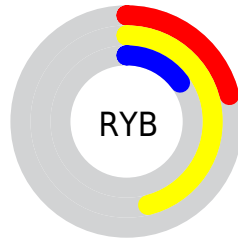
The Hex color **766A27** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **273376**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AC9D58**, and **433B00** is the 20% darker color. If you saturate the color by 10%, you get **76681B**, and if you desaturate by 10%, it is **766C33**.

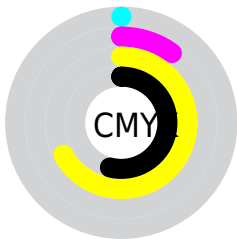
# Distribution



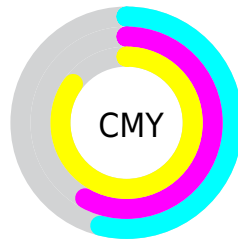
- Red (46%)
- Green (42%)
- Blue (15%)



- Red (21%)
- Yellow (46%)
- Blue (15%)



- Cyan (0%)
- Magenta (10%)
- Yellow (67%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766A27 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 766A27 by changing the saturation by 10% instead.





766A27



766A27

FFFFFF



5C520E



AC9D58



433B00



C8B871



2A2600



E5D38B



0F1200



FFF0A6



000000



FFFFC1



FFFFDD



FFFFFFA



766A27



766A27

■ 76681B

■ 766C33

■ 76660F

■ 766E3F

■ 766504

■ 766F4A

■ 766400

■ 767156

■ 767362

■ 76756E

■ 76777A

■ 767885

■ 767A91

# Harmonies

## Analogous

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



915F2F



766A27



547334

# Triad

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



766A27



00798E



965384

# Complementary

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



766A27



273376

# 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.



745F9E



766A27



0074A3

# Square

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



766A27



007A6F



3B6BA9



A54E65

# Rectangle

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



766A27



387644



3B6BA9



8D568E



# Sweetspot

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



766A27



99947A



762734



4D4A3A



CCCCCC



4D4D4D



# Same Dimension

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



766A27



99861F



5C7627



3B3A35



7A6800



FAD400



# Inverse Universe

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



273376



1F3199



412776



35363B



00137A



0026FA



# Previews

## White Background



This preview shows how the Hex color 766A27 looks on a white background.

## Color Contrast Check

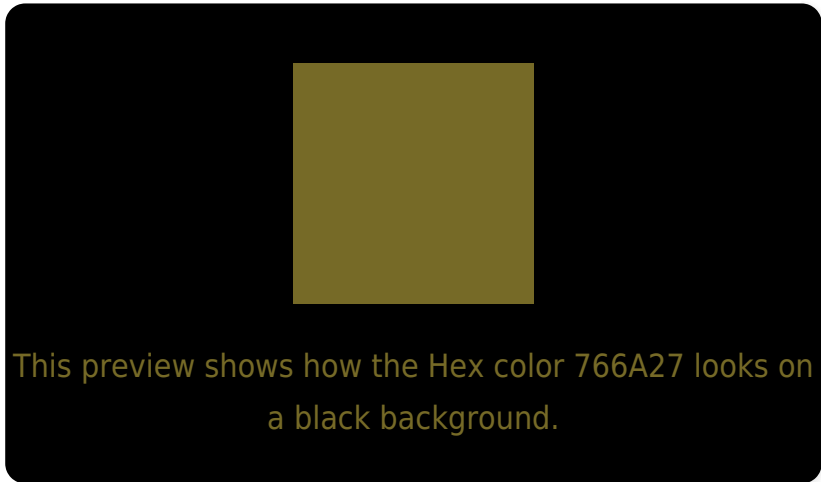
Large Text (above 18pt) WCAG AA ✓ Pass

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

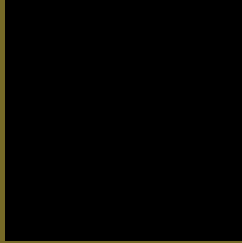
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766A27 Background



This preview shows how black text looks on a background with the Hex color 766A27.



This preview shows how white text looks on a background with the Hex color 766A27.

# 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**


766A27

**Protanopia**

766A27

**Deuteranopia**

846529



**Tritanopia**  
7C636B

# Trichromacy



**Original Color**  
766A27

**Protanomaly**  
766A27

**Deuteranomaly**  
7F6728

**Tritanomaly**  
7A6652

# Monochromacy



**Original Color**  
766A27

**Achromatopsia**  
666666

**Achromatomaly**  
6C674F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766A27 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 #766A27 looks like.

```
.text, #text, p{  
    color:#766A27  
}
```

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 #766A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766A27
}
```

## Border

The CSS property to change the border of an element to Hex 766A27 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
#766A27 }
```

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

```
.border{ border-color:#766A27 }
```

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

Here you see how a box with a 4 pixel #766A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766A27; -webkit-box-shadow:4px 4px  
4px 4px #766A27; box-shadow:4px 4px 4px  
4px #766A27 }
```

# Background

The CSS property to change the background color of an element to Hex 766A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766A27 }
```

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

```
.background{ background-color:#766A27 }
```

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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