

Converting Colors

Hex(766147)

Have a look what the booklet for
Hex(766147) contains.

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Color

Hex(766147)

Conversions

Conversions Part 1

Format	Color
Hex	766147
RGB	118, 97, 71
RGB Percent	46%, 38%, 28%
CMY	0.5373, 0.6196, 0.7216
CMYK	0.00, 0.18, 0.40, 0.54
HSL	33°, 25%, 37%
HSV	33°, 40%, 46%
XYZ	12.8832, 12.8559, 7.7636
YIQ	100.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

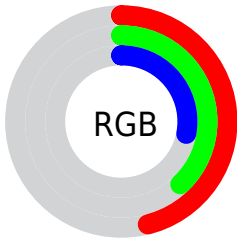
Format	Color
RYB	109, 118, 71
Decimal	7758151
CIELab	42.55, 4.49, 18.01
CIELCh	43, 18.558, 75.994
Yxy	12.8559, 0.3845, 0.3837
Android (android.graphics.Color)	4285948231 (0xFF766147)
YUV	100.3150, -14.4523, 15.5097
Hunter-Lab	35.8551, 1.3912, 12.2606

Details

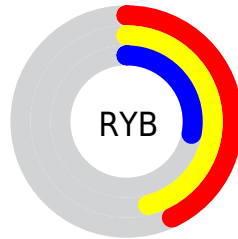
The Hex color **766147** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **475C76**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AB9478**, and **44331B** is the 20% darker color. If you saturate the color by 10%, you get **765C3B**, and if you desaturate by 10%, it is **766653**.

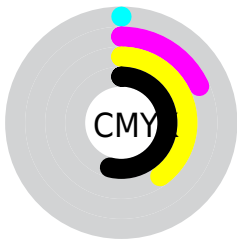
Distribution



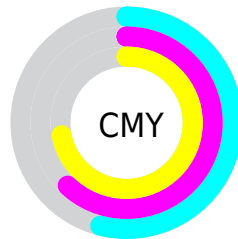
- Red (46%)
- Green (38%)
- Blue (28%)



- Red (43%)
- Yellow (46%)
- Blue (28%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766147 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 766147 by changing the saturation by 10% instead.

 766147

 766147

FFFFFF

 5D4930

 AB9478

 44331B

 C7AE91

 2E1E02

 E3C9AC

 160500

 FFE6C7

 000000

 FFFF E3

 766147

 766147

 765C3B

 766653

 76562F

 766C5F

■ 765124

■ 76716A

■ 764C18

■ 767676

■ 76470C

■ 767B82

■ 764100

■ 76818E

■ 76869A

■ 768BA5

■ 7690B1

Harmonies

Analogous

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



805C4F



766147



676647

Triad

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



766147



386D6C



715E7A

Complementary

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



766147



475C76

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.



5D6382



766147



386B7A

Square

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



766147



446C5D



476882



7E5A6C

Rectangle

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



766147



5C694B



476882



6B5F7D

Sweetspot

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



766147



999187



76475C



4D4842



CCCCCC



4D4D4D

Same Dimension

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



766147



997850



747647



3B3835



7A4400



FA8A00

Inverse Universe

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



475C76



507099



494776



35373B



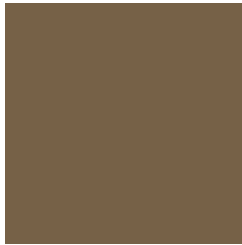
00377A



0070FA

Previews

White Background



This preview shows how the Hex color 766147 looks on a white background.

Color Contrast Check

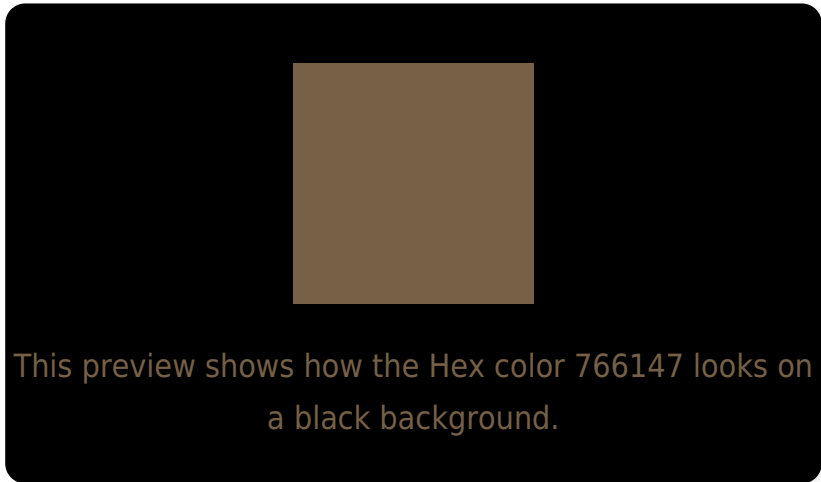
Large Text (above 18pt) WCAG AA ✓ Pass

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

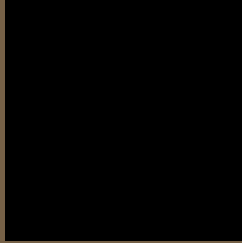
Any Text WCAG AA × Fail

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 766147 Background



This preview shows how black text looks on a background with the Hex color 766147.



This preview shows how white text looks on a background with the Hex color 766147.

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
766147

Protanopia
6C6548

Deuteranopia
786047



Tritanopia
795D64

Trichromacy



Original Color
766147

Protanomaly
706448

Deuteranomaly
776047

Tritanomaly
785E59

Monochromacy



Original Color
766147

Achromatopsia
646464

Achromatomaly
6B6359

CSS Examples

Text

The CSS property to change the color of the text to Hex 766147 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 #766147 looks like.

```
.text, #text, p{  
    color:#766147  
}
```

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 #766147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766147
}
```

Border

The CSS property to change the border of an element to Hex 766147 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
#766147 }
```

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

```
.border{ border-color:#766147 }
```

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

Here you see how a box with a 4 pixel #766147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766147; -webkit-box-shadow:4px 4px  
4px 4px #766147; box-shadow:4px 4px 4px  
4px #766147 }
```

Background

The CSS property to change the background color of an element to Hex 766147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766147 }
```

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

```
.background{ background-color:#766147 }
```

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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