

Converting Colors

Hex(766045)

Have a look what the booklet for
Hex(766045) contains.

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Color

Hex(766045)

Conversions

Conversions Part 1

Format	Color
Hex	766045
RGB	118, 96, 69
RGB Percent	46%, 38%, 27%
CMY	0.5373, 0.6235, 0.7294
CMYK	0.00, 0.19, 0.42, 0.54
HSL	33°, 26%, 37%
HSV	33°, 42%, 46%
XYZ	12.7283, 12.6470, 7.4005
YIQ	99.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

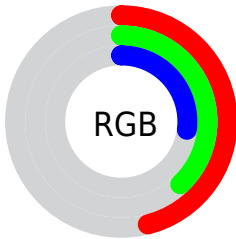
Format	Color
R_{YB}	109, 118, 69
Decimal	7757893
CIE Lab	42.23, 4.83, 18.77
CIE LCh	42, 19.382, 75.565
Yxy	12.6470, 0.3883, 0.3859
Android (android.graphics.Color)	4285947973 (0xFF766045)
YUV	99.5000, -15.0365, 16.2245
Hunter-Lab	35.5626, 1.6527, 12.5557

Details

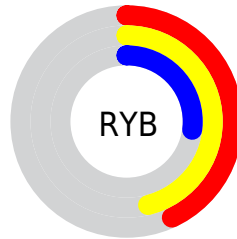
The Hex color **766045** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **455B76**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AB9276**, and **443219** is the 20% darker color. If you saturate the color by 10%, you get **765B39**, and if you desaturate by 10%, it is **766551**.

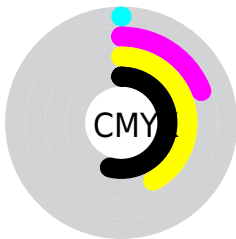
Distribution



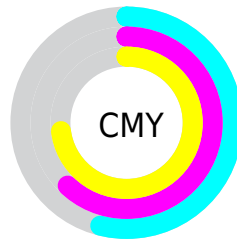
- Red (46%)
- Green (38%)
- Blue (27%)



- Red (43%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766045 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 766045 by changing the saturation by 10% instead.

 766045

 766045

FFFFFF

 5D482E

 AB9276

 443219

 C7AD8F

 2E1D00

 E3C8AA

 150400

 FFE4C5

 000000

 FFFFE1

FFFFFFE

 766045

 766045

 765B39

 766551

 76552D

 766B5D

 765022

 767068

 764B16

 767574

 76460A


 767A80

 764100

 76808C

 768598

 768AA3

 7690AF

Harmonies

Analogous

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



815B4E



766045



676545

Triad

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



766045



346D6C



705D7A

Complementary

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



766045



455B76

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.



5B6282



766045



346B7A

Square

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



766045



426C5B



446782



7E596C

Rectangle

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



766045



5B6849



446782



6A5F7E

Sweetspot

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



766045



999187



76455B



4D4842



CCCCCC



4D4D4D

Same Dimension

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



766045



99774D



747645



3B3835



7A4300



FA8A00

Inverse Universe

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



455B76



4D6F99



474576



35373B



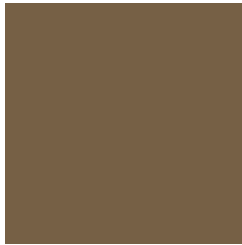
00377A



0070FA

Previews

White Background



This preview shows how the Hex color 766045 looks on a white background.

Color Contrast Check

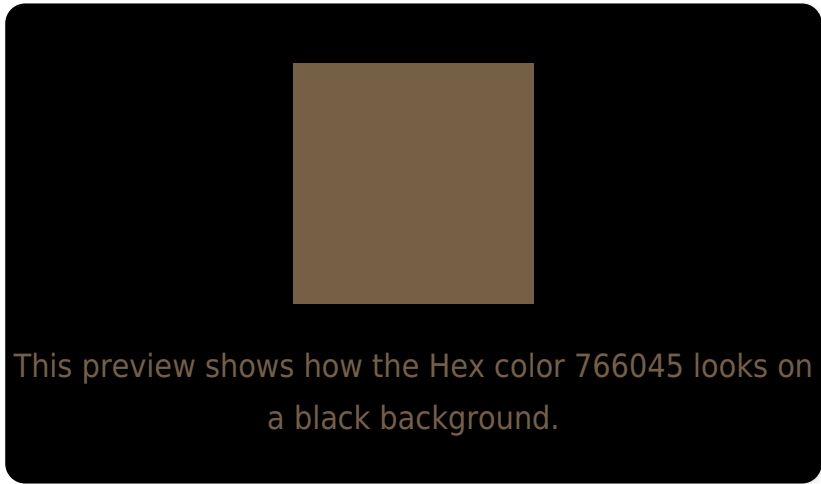
Large Text (above 18pt) WCAG AA ✓ Pass

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

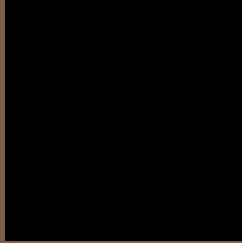
Any Text WCAG AA × Fail

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 766045 Background



This preview shows how black text looks on a background with the Hex color 766045.



This preview shows how white text looks on a background with the Hex color 766045.

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


766045

Protanopia

6C6447

Deuteranopia

776045



Tritanopia
795C63

Trichromacy



Original Color
766045

Protanomaly
706346

Deuteranomaly
776045

Tritanomaly
785D58

Monochromacy



Original Color
766045

Achromatopsia
646464

Achromatomaly
6B6359

CSS Examples

Text

The CSS property to change the color of the text to Hex 766045 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 #766045 looks like.

```
.text, #text, p{  
    color:#766045  
}
```

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 #766045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766045
}
```

Border

The CSS property to change the border of an element to Hex 766045 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
#766045 }
```

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

```
.border{ border-color:#766045 }
```

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

Here you see how a box with a 4 pixel #766045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766045; -webkit-box-shadow:4px 4px  
4px 4px #766045; box-shadow:4px 4px 4px  
4px #766045 }
```

Background

The CSS property to change the background color of an element to Hex 766045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766045 }
```

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

```
.background{ background-color:#766045 }
```

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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