

Converting Colors

Hex(77765D)

Have a look what the booklet for
Hex(77765D) contains.

Hex(77765D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77765D)

Conversions

Conversions Part 1

Format	Color
Hex	77765D
RGB	119, 118, 93
RGB Percent	47%, 46%, 36%
CMY	0.5333, 0.5373, 0.6353
CMYK	0.00, 0.01, 0.22, 0.53
HSL	58°, 12%, 42%
HSV	58°, 22%, 47%
XYZ	16.0620, 17.6691, 12.9199
YIQ	115.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

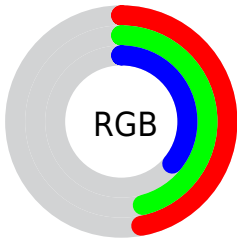
Format	Color
R_{YB}	94, 119, 93
Decimal	7829085
CIE Lab	49.09, -4.14, 13.95
CIE LCh	49, 14.549, 106.520
Yxy	17.6691, 0.3443, 0.3788
Android (android.graphics.Color)	4286019165 (0xFF77765D)
YUV	115.4490, -11.0674, 3.1142
Hunter-Lab	42.0347, -5.3536, 11.2008

Details

The Hex color **77765D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5E77**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ABAA8F**, and **46462F** is the 20% darker color. If you saturate the color by 10%, you get **777651**, and if you desaturate by 10%, it is **777669**.

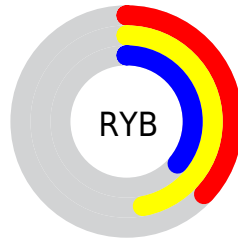
Distribution



Red (47%)

Green (46%)

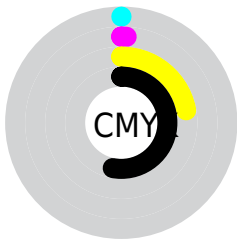
Blue (36%)



Red (37%)

Yellow (47%)

Blue (36%)

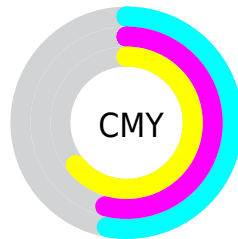


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (53%)



Cyan (53%)

Magenta (54%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77765D 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 77765D by changing the saturation by 10% instead.



77765D



77765D

FFFFFF



5E5D45



ABAA8F



46462F



C7C5AA



30301A



E3E1C5



1C1B00



FFFE1



000000

FFFFFFE



77765D



77765D



777651



777669



777545



777775

■ 777539

■ 777781

■ 77742D

■ 77788D

■ 777421

■ 777898

■ 777316

■ 7779A4

■ 77730A

■ 7779B0

■ 777200

■ 777ABC

■ 777AC8

Harmonies

Analogous

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



83725D



77765D



697963

Triad

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



77765D



557A86



8A6D7B

Complementary

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



77765D



5D5E77

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.



7F6F86



77765D



60778C

Square

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



77765D



547C7B



70738C



8E6C6E

Rectangle

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



77765D



607B6A



70738C



876D7F

Sweetspot

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



77765D



9C9B91



775D5E



4F4F49



CFCFCF



4F4F4F

Same Dimension

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



77765D



9C9A73



6B775D



3B3A35



7A7600



FAF000

Inverse Universe

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



5D5E77



73759C



695D77



35353B



00057A



000AFA

Previews

White Background



This preview shows how the Hex color 77765D looks on a white background.

Color Contrast Check

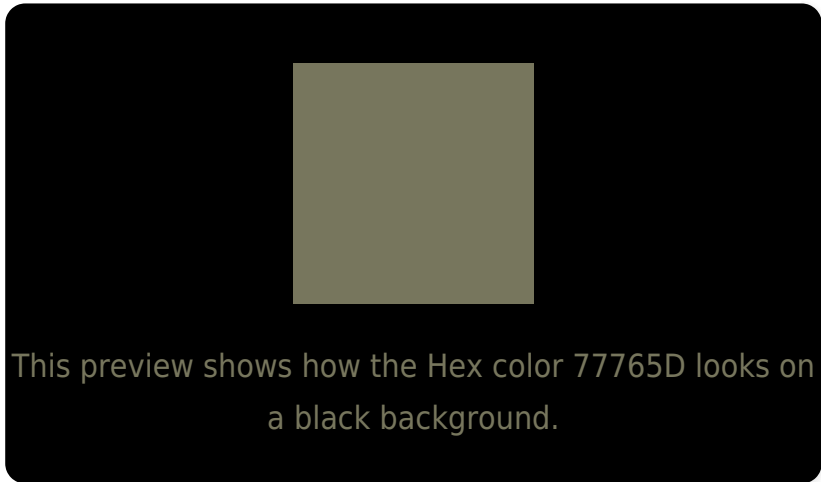
Large Text (above 18pt) WCAG AA ✓ Pass

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

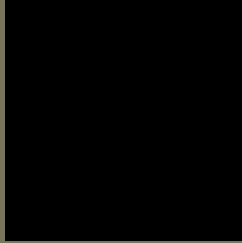
Any Text WCAG AA ✓ Pass

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 77765D Background



This preview shows how black text looks on a background with the Hex color 77765D.



This preview shows how white text looks on a background with the Hex color 77765D.

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

77765D

Protanopia

7C745C

Deuteranopia

88705E



Tritanopia
7B727B

Trichromacy



Original Color
77765D

Protanomaly
7A755C

Deuteranomaly
82725E

Tritanomaly
7A7370

Monochromacy



Original Color
77765D

Achromatopsia
737373

Achromatomaly
74746B

CSS Examples

Text

The CSS property to change the color of the text to Hex 77765D 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 #77765D looks like.

```
.text, #text, p{  
    color:#77765D  
}
```

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 #77765D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77765D
}
```

Border

The CSS property to change the border of an element to Hex 77765D is called "border". The border property can be set on classes, ids or directly on the HTML element.

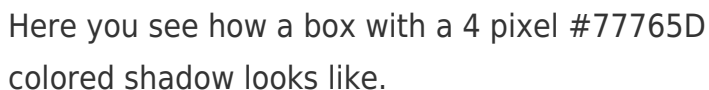
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77765D }
```

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

```
.border{ border-color:#77765D }
```

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



Here you see how a box with a 4 pixel `#77765D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77765D; -webkit-box-shadow:4px 4px  
4px 4px #77765D; box-shadow:4px 4px 4px  
4px #77765D }
```

Background

The CSS property to change the background color of an element to Hex 77765D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77765D }
```

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

```
.background{ background-color:#77765D }
```

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