

# Converting Colors

Hex(76795D)

Have a look what the booklet for  
Hex(76795D) contains.

<b>Hex(76795D)</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(76795D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76795D
RGB	118, 121, 93
RGB Percent	46%, 47%, 36%
CMY	0.5373, 0.5255, 0.6353
CMYK	0.02, 0.00, 0.23, 0.53
HSL	66°, 13%, 42%
HSV	66°, 23%, 47%
XYZ	16.2844, 18.3166, 13.0331
YIQ	116.9110, 7.2000, -9.3440

# Conversions

## Conversions Part 2

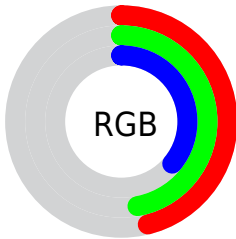
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 121, 96
Decimal	7764317
CIE <sub>Lab</sub>	49.88, -6.25, 15.02
CIE <sub>LCh</sub>	50, 16.267, 112.608
Yxy	18.3166, 0.3419, 0.3845
Android (android.graphics.Color)	4285954397 (0xFF76795D)
YUV	116.9110, -11.7881, 0.9551
Hunter-Lab	42.7979, -6.9781, 11.9031

# Details

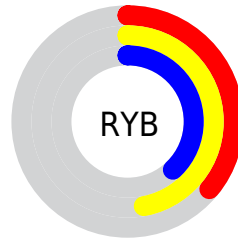
The Hex color **76795D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **605D79**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AAAD8F**, and **45492F** is the 20% darker color. If you saturate the color by 10%, you get **757951**, and if you desaturate by 10%, it is **777969**.

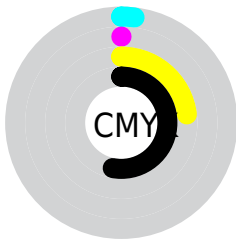
# Distribution



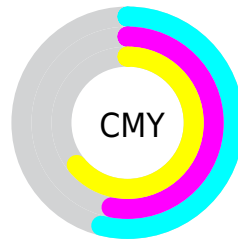
- Red (46%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76795D 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 76795D by changing the saturation by 10% instead.





76795D



76795D

FFFFFF



5D6045



AAAD8F



45492F



C6C9AA



2F321A



E2E5C5



1B1D00



FFFFE1



000000

FFFFFFE



76795D



76795D



757951



777969



737945



797975

■ 727939

■ 7A7981

■ 71792D

■ 7B798D

■ 707920

■ 7C7999

■ 6E7914

■ 7E79A6

■ 6D7908

■ 7F79B2

■ 6C7900

■ 8079BE

■ 8279CA

# Harmonies

## Analogous

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



84755B



76795D



667C66

# Triad

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



76795D



547D8C



906D7B

# Complementary

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



76795D



605D79

# 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.



857088



76795D



627992

# Square

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



76795D



507E81



757490



936D6D

# Rectangle

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



76795D



5C7E6E



757490



8D6E7F



# Sweetspot

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



76795D



9D9E93



79605D



4E4F49



CFCFCF



4F4F4F



# Same Dimension

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



76795D



999E72



68795D



3D3D37



707D00



E1FC00



# Inverse Universe

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



605D79



77729E



6E5D79



38373D



0D007D



1B00FC



# Previews

## White Background



This preview shows how the Hex color 76795D looks on a white background.

## Color Contrast Check

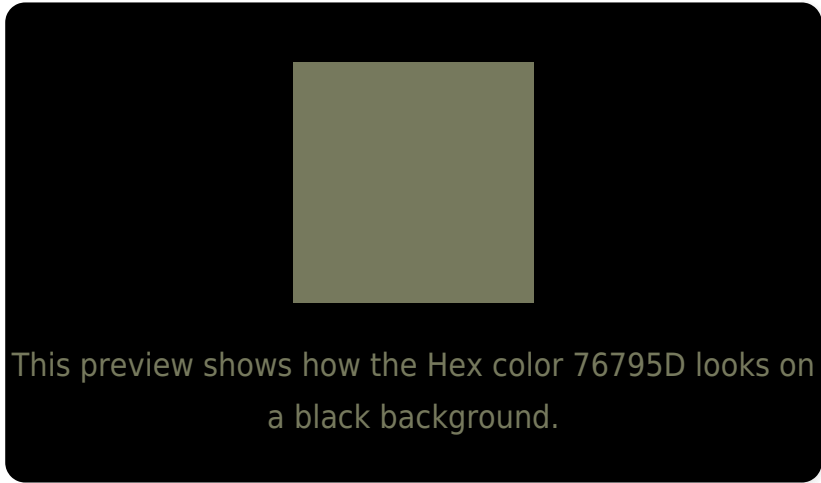
Large Text (above 18pt) WCAG AA ✓ Pass

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

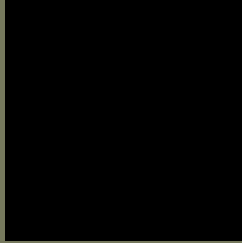
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

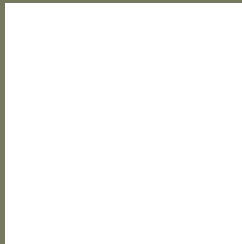
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76795D Background



This preview shows how black text looks on a background with the Hex color 76795D.



This preview shows how white text looks on a background with the Hex color 76795D.

# 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**


76795D

**Protanopia**

7E765C

**Deuteranopia**

8A725E



**Tritanopia**  
7A757E

# Trichromacy



**Original Color**  
76795D

**Protanomaly**  
7B775C

**Deuteranomaly**  
83755E

**Tritanomaly**  
797672

# Monochromacy



**Original Color**  
76795D

**Achromatopsia**  
757575

**Achromatomaly**  
75766C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76795D 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 #76795D looks like.

```
.text, #text, p{  
    color:#76795D  
}
```

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 #76795D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76795D
}
```

## Border

The CSS property to change the border of an element to Hex 76795D 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
#76795D }
```

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

```
.border{ border-color:#76795D }
```

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

Here you see how a box with a 4 pixel #76795D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76795D; -webkit-box-shadow:4px 4px  
4px 4px #76795D; box-shadow:4px 4px 4px  
4px #76795D }
```

# Background

The CSS property to change the background color of an element to Hex 76795D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76795D }
```

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

```
.background{ background-color:#76795D }
```

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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