

Converting Colors

Hex(797361)

Have a look what the booklet for
Hex(797361) contains.

Hex(797361)	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(797361)

Conversions

Conversions Part 1

Format	Color
Hex	797361
RGB	121, 115, 97
RGB Percent	47%, 45%, 38%
CMY	0.5255, 0.5490, 0.6196
CMYK	0.00, 0.05, 0.20, 0.53
HSL	45°, 11%, 43%
HSV	45°, 20%, 47%
XYZ	16.1736, 17.1895, 13.7747
YIQ	114.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

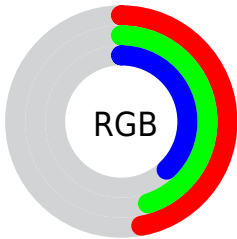
Format	Color
R_{YB}	105, 121, 97
Decimal	7959393
CIE Lab	48.50, -0.94, 10.80
CIE LCh	48, 10.843, 94.954
Yxy	17.1895, 0.3431, 0.3647
Android (android.graphics.Color)	4286149473 (0xFF797361)
YUV	114.7420, -8.7468, 5.4883
Hunter-Lab	41.4602, -2.9228, 9.3236

Details

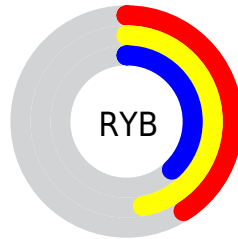
The Hex color **797361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616779**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AEA794**, and **484333** is the 20% darker color. If you saturate the color by 10%, you get **797055**, and if you desaturate by 10%, it is **79766D**.

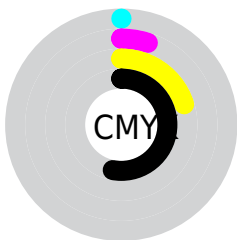
Distribution



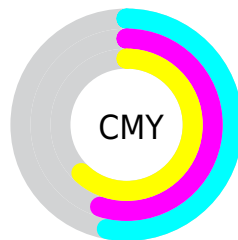
- Red (47%)
- Green (45%)
- Blue (38%)



- Red (41%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797361 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 797361 by changing the saturation by 10% instead.

 797361

 797361

FFFFFF

 605A49

 AEA794

 484333

 C9C2AE

 312D1D

 E5DECA

 1D1805

 FFFAE6

 000000

 797361

 797361

 797055

 79766D

 796D49

 797979

 796A3D

 797C85

 796731

 797F91

 796424

 79829D

 796118

 7985AA

 795E0C

 7988B6

 795B00

 798BC2

 798ECE

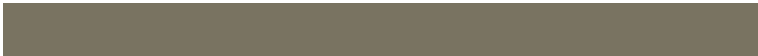
Harmonies

Analogous

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



817063



797361



6F7664

Triad

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



797361



5C787D



816E7B

Complementary

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



797361



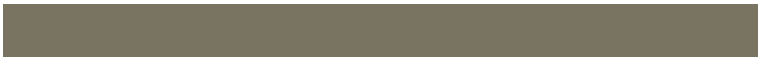
616779

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.



777082



797361



617683

Square

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



797361



5D7974



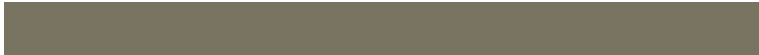
6B7385



866D72

Rectangle

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



797361



687768



6B7385



7E6F7E

Sweetspot

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



797361



9E9C95



796167



4F4E4A



CFCFCF



4F4F4F

Same Dimension

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



797361



9E9578



737961



3D3C37



7D5E00



FCBD00

Inverse Universe

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



616779



78829E



676179



37393D



001F7D



003FFC

Previews

White Background



This preview shows how the Hex color 797361 looks on a white background.

Color Contrast Check

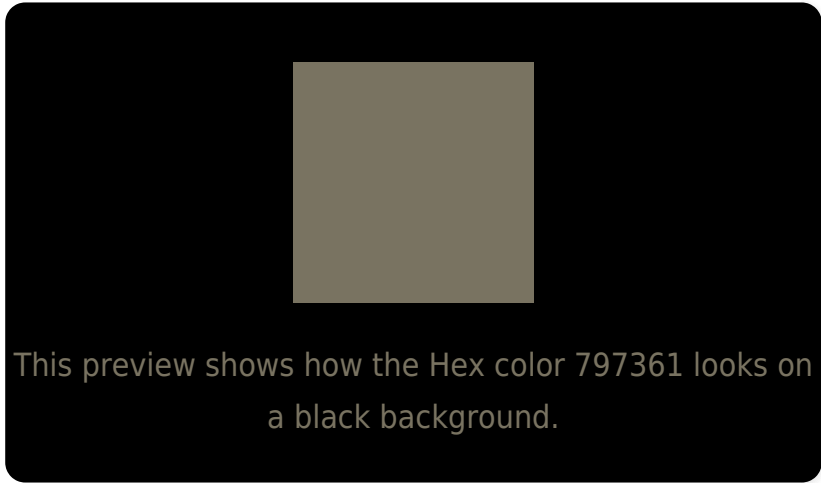
Large Text (above 18pt) WCAG AA ✓ Pass

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

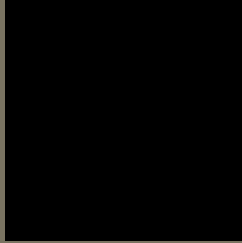
Any Text WCAG AA × Fail

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 797361 Background



This preview shows how black text looks on a background with the Hex color 797361.



This preview shows how white text looks on a background with the Hex color 797361.

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
797361

Protanopia
797361

Deuteranopia
846F62



Tritanopia
7C7078

Trichromacy



Original Color
797361

Protanomaly
797361

Deuteranomaly
807062

Tritanomaly
7B7170

Monochromacy



Original Color
797361

Achromatopsia
737373

Achromatomaly
75736C

CSS Examples

Text

The CSS property to change the color of the text to Hex 797361 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 #797361 looks like.

```
.text, #text, p{  
    color:#797361  
}
```

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 #797361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797361
}
```

Border

The CSS property to change the border of an element to Hex 797361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

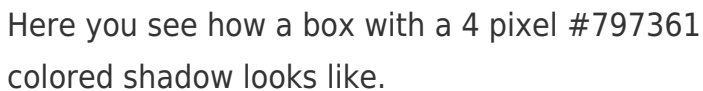
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#797361 }
```

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

```
.border{ border-color:#797361 }
```

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



Here you see how a box with a 4 pixel #797361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797361; -webkit-box-shadow:4px 4px  
4px 4px #797361; box-shadow:4px 4px 4px  
4px #797361 }
```

Background

The CSS property to change the background color of an element to Hex 797361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797361 }
```

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

```
.background{ background-color:#797361 }
```

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