

Converting Colors

Hex(796345)

Have a look what the booklet for
Hex(796345) contains.

Hex(796345)	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(796345)

Conversions

Conversions Part 1

Format	Color
Hex	796345
RGB	121, 99, 69
RGB Percent	47%, 39%, 27%
CMY	0.5255, 0.6118, 0.7294
CMYK	0.00, 0.18, 0.43, 0.53
HSL	35°, 27%, 37%
HSV	35°, 43%, 47%
XYZ	13.4212, 13.4183, 7.5128
YIQ	102.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

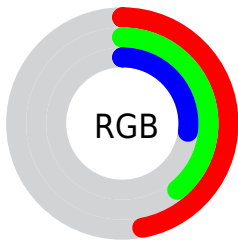
Format	Color
RYB	107, 121, 69
Decimal	7955269
CIELab	43.39, 4.39, 20.36
CIELCh	43, 20.828, 77.832
Yxy	13.4183, 0.3907, 0.3906
Android (android.graphics.Color)	4286145349 (0xFF796345)
YUV	102.1580, -16.3469, 16.5244
Hunter-Lab	36.6310, 1.2961, 13.4816

Details

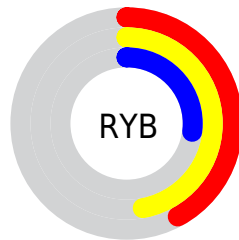
The Hex color **796345** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **455B79**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AE9676**, and **473519** is the 20% darker color. If you saturate the color by 10%, you get **795E39**, and if you desaturate by 10%, it is **796851**.

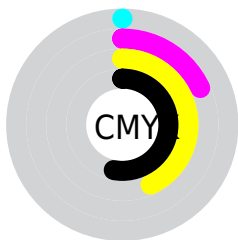
Distribution



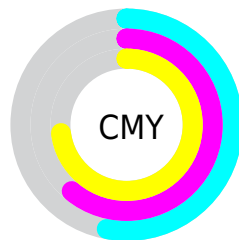
- Red (47%)
- Green (39%)
- Blue (27%)



- Red (42%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796345 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 796345 by changing the saturation by 10% instead.

 796345

 796345

FFFFFF

 5F4B2E

 AE9676

 473519

 CAB08F

 301F00

 E7CCAA

 180800

 FFE8C5

 000000

 FFFFE1

FFFFFFE

 796345

 796345

 795E39

 796851

 79592D

 796D5D

 795421

 797269

 794F15

 797775

 794908

 797D81

 794600

 79828E

 79879A

 798CA6

 7991B2

Harmonies

Analogous

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



855D4E



796345



686945

Triad

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



796345



317070



755F7E

Complementary

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



796345



455B79

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.



5F6587



796345



326E7F

Square

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



796345



41705F



466A88



845A6E

Rectangle

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



796345



5B6C4B



466A88



6F6082

Sweetspot

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



796345



9E958A



79455C



4F4A42



CFCFCF



4F4F4F

Same Dimension

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



796345



9E7B4C



767945



3D3B37



7D4800



FC9200

Inverse Universe

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



455B79



4C6F9E



484579



373A3D



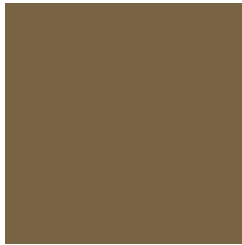
00357D



006BFC

Previews

White Background



This preview shows how the Hex color 796345 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

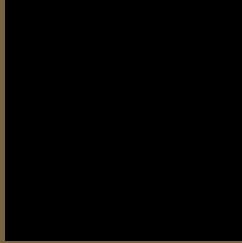
Any Text WCAG AA × Fail

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 796345 Background



This preview shows how black text looks on a background with the Hex color 796345.



This preview shows how white text looks on a background with the Hex color 796345.

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
796345

Protanopia
6F6746

Deuteranopia
7B6245



Tritanopia
7C5F66

Trichromacy



Original Color
796345

Protanomaly
736646

Deuteranomaly
7A6245

Tritanomaly
7B605A

Monochromacy



Original Color
796345

Achromatopsia
666666

Achromatomaly
6D655A

CSS Examples

Text

The CSS property to change the color of the text to Hex 796345 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 #796345 looks like.

```
.text, #text, p{  
    color:#796345  
}
```

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 #796345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796345  
}
```

Border

The CSS property to change the border of an element to Hex 796345 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  
#796345 }
```

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

```
.border{ border-color:#796345 }
```

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

Here you see how a box with a 4 pixel #796345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796345; -webkit-box-shadow:4px 4px  
4px 4px #796345; box-shadow:4px 4px 4px  
4px #796345 }
```

Background

The CSS property to change the background color of an element to Hex 796345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796345 }
```

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

```
.background{ background-color:#796345 }
```

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