

# Converting Colors

Hex(796339)

Have a look what the booklet for  
Hex(796339) contains.

<b>Hex(796339)</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(796339)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796339
RGB	121, 99, 57
RGB Percent	47%, 39%, 22%
CMY	0.5255, 0.6118, 0.7765
CMYK	0.00, 0.18, 0.53, 0.53
HSL	39°, 36%, 35%
HSV	39°, 53%, 47%
XYZ	13.0855, 13.2840, 5.7453
YIQ	100.7900, 26.5940, -8.3980

# Conversions

## Conversions Part 2

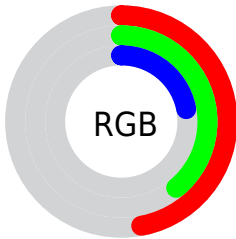
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 121, 57
Decimal	7955257
CIE Lab	43.19, 3.06, 27.03
CIE LCh	43, 27.206, 83.547
Yxy	13.2840, 0.4075, 0.4136
Android (android.graphics.Color)	4286145337 (0xFF796339)
YUV	100.7900, -21.5885, 17.7242
Hunter-Lab	36.4473, 0.3034, 16.1670

# Details

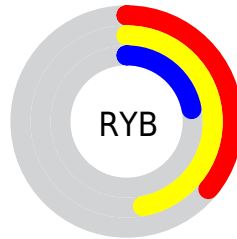
The Hex color **796339** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **394F79**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AF9669**, and **46350D** is the 20% darker color. If you saturate the color by 10%, you get **795F2D**, and if you desaturate by 10%, it is **796745**.

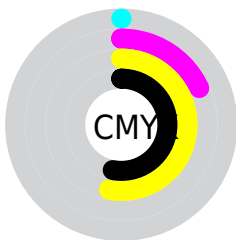
# Distribution



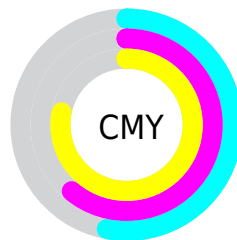
- Red (47%)
- Green (39%)
- Blue (22%)



- Red (36%)
- Yellow (47%)
- Blue (22%)



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



- Cyan (53%)
- Magenta (61%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796339 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 796339 by changing the saturation by 10% instead.



 796339

 796339

FFFFFF

 5F4B23

 AF9669

 46350D

 CBB082

 2F2000

 E8CC9D

 160900

 FFE8B8

 000000

 FFFFD3

 FFFFF0

 796339

 796339

 795F2D

 796745

 795B21

 796B51

 795715

 796F5D

 795209

 797469

 794F00

 797875

 797C82

 79808E

 79849A

 7988A6

# Harmonies

## Analogous

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



8A5B43



796339



636A3C

# Triad

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



796339



007277



7E5A81

# Complementary

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



796339



394F79

# 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.



61628F



796339



096F8A

# Square

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



796339



297260



3C6A92



8E556C

# Rectangle

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



796339



526E45



3C6A92



755C87



# Sweetspot

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



796339



9E9585



79394F



4F4A40



CFCFCF



4F4F4F



# Same Dimension

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



796339



9E7C3A



6F7939



3D3B37



7D5200



FCA600



# Inverse Universe

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



394F79



3A5D9E



433979



37393D



002B7D



0057FC



# Previews

## White Background



This preview shows how the Hex color 796339 looks on a white background.

## Color Contrast Check

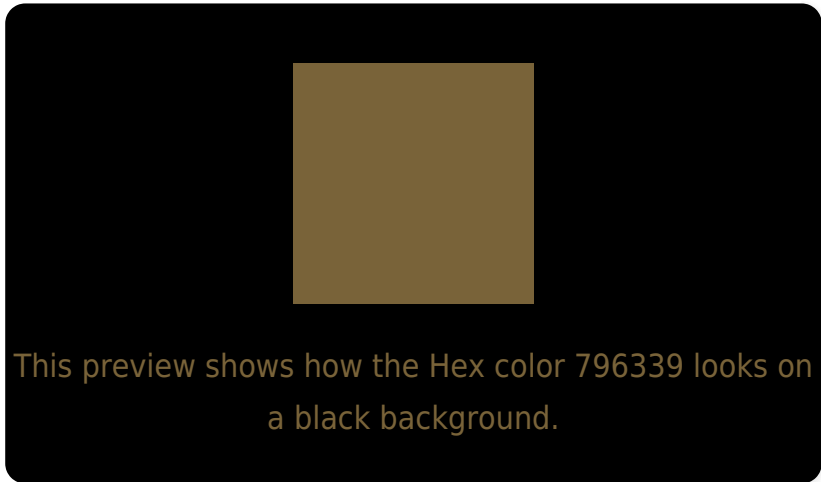
Large Text (above 18pt) WCAG AA ✓ Pass

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

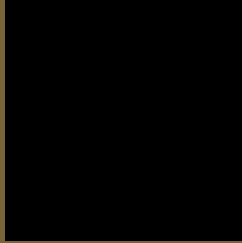
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796339 Background



This preview shows how black text looks on a background with the Hex color 796339.



This preview shows how white text looks on a background with the Hex color 796339.

# 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**  
796339

**Protanopia**  
70663A

**Deuteranopia**  
7D6139



**Tritanopia**  
7D5E65

# Trichromacy



**Original Color**  
796339

**Protanomaly**  
73653A

**Deuteranomaly**  
7C6239

**Tritanomaly**  
7C6055

# Monochromacy



**Original Color**  
796339

**Achromatopsia**  
656565

**Achromatomaly**  
6C6455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796339 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 #796339 looks like.

```
.text, #text, p{  
    color:#796339  
}
```

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 #796339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796339
}
```

## Border

The CSS property to change the border of an element to Hex 796339 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
#796339 }
```

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

```
.border{ border-color:#796339 }
```

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

Here you see how a box with a 4 pixel #796339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796339; -webkit-box-shadow:4px 4px  
4px 4px #796339; box-shadow:4px 4px 4px  
4px #796339 }
```

# Background

The CSS property to change the background color of an element to Hex 796339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796339 }
```

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

```
.background{ background-color:#796339 }
```

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