

Converting Colors

Hex(796A35)

Have a look what the booklet for
Hex(796A35) contains.

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Color

Hex(796A35)

Conversions

Conversions Part 1

Format	Color
Hex	796A35
RGB	121, 106, 53
RGB Percent	47%, 42%, 21%
CMY	0.5255, 0.5843, 0.7922
CMYK	0.00, 0.12, 0.56, 0.53
HSL	47°, 39%, 34%
HSV	47°, 56%, 47%
XYZ	13.6818, 14.6301, 5.4709
YIQ	104.4430, 25.9530, -13.3030

Conversions

Conversions Part 2

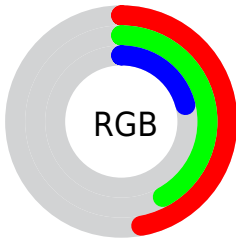
Format	Color
R_{YB}	72, 121, 53
Decimal	7957045
CIE _{Lab}	45.12, -1.42, 31.58
CIE _{LCh}	45, 31.616, 92.574
Yxy	14.6301, 0.4050, 0.4331
Android (android.graphics.Color)	4286147125 (0xFF796A35)
YUV	104.4430, -25.3614, 14.5205
Hunter-Lab	38.2493, -3.0866, 18.2940

Details

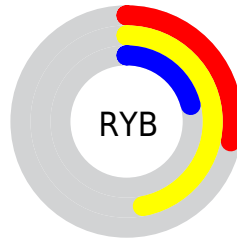
The Hex color **796A35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **354479**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AF9D65**, and **463B06** is the 20% darker color. If you saturate the color by 10%, you get **796729**, and if you desaturate by 10%, it is **796D41**.

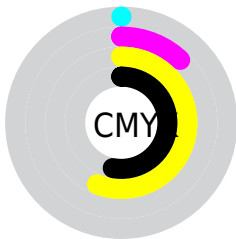
Distribution



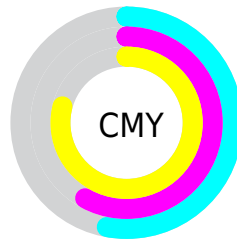
- Red (47%)
- Green (42%)
- Blue (21%)



- Red (28%)
- Yellow (47%)
- Blue (21%)



- Cyan (0%)
- Magenta (12%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796A35 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 796A35 by changing the saturation by 10% instead.

 796A35

 796A35

FFFFFF

 5F521E

 AF9D65

 463B06

 CBB87F

 2F2600

 E8D499

 151100

 FFF0B4

 000000

 FFFF00

FFFFD0

 FFFF00

FFFEC

 796A35

 796A35

 796729

 796D41

■ 79651D

■ 796F4D

■ 796211

■ 797259

■ 795F05

■ 797565

■ 795E00

■ 797772

■ 797A7E

■ 797D8A

■ 797F96

■ 7982A2

Harmonies

Analogous

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



8F613C



796A35



5E723D

Triad

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



796A35



007886



8E5A84

Complementary

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



796A35



354479

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.



706397



796A35



007499

Square

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



796A35



00786C



456D9F



9C556A

Rectangle

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



796A35



48754A



456D9F



855D8B

Sweetspot

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



796A35



9E9883



793545



4F4C3F



CFCFCF



4F4F4F

Same Dimension

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



796A35



9E8734



677935



3D3C37



7D6100



FCC500

Inverse Universe

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



354479



344C9E



473579



37383D



001C7D



0038FC

Previews

White Background



This preview shows how the Hex color 796A35 looks on a white background.

Color Contrast Check

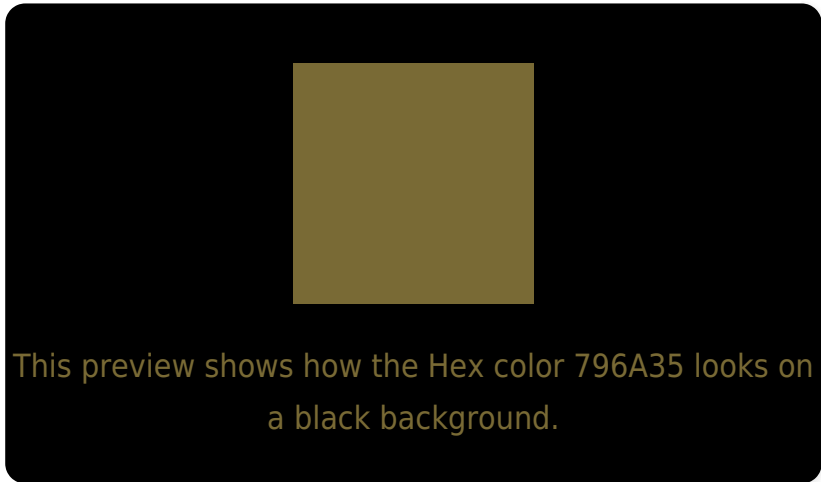
Large Text (above 18pt) WCAG AA ✓ Pass

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

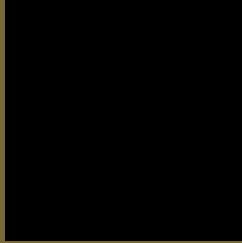
Any Text WCAG AA × Fail

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 796A35 Background



This preview shows how black text looks on a background with the Hex color 796A35.



This preview shows how white text looks on a background with the Hex color 796A35.

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
796A35

Protanopia
766B35

Deuteranopia
836636



Tritanopia
7E646C

Trichromacy



Original Color
796A35

Protanomaly
776B35

Deuteranomaly
7F6736

Tritanomaly
7C6658

Monochromacy



Original Color
796A35

Achromatopsia
686868

Achromatomaly
6E6955

CSS Examples

Text

The CSS property to change the color of the text to Hex 796A35 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 #796A35 looks like.

```
.text, #text, p{  
    color:#796A35  
}
```

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 #796A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796A35
}
```

Border

The CSS property to change the border of an element to Hex 796A35 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
#796A35 }
```

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

```
.border{ border-color:#796A35 }
```

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

Here you see how a box with a 4 pixel #796A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796A35; -webkit-box-shadow:4px 4px  
4px 4px #796A35; box-shadow:4px 4px 4px  
4px #796A35 }
```

Background

The CSS property to change the background color of an element to Hex 796A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796A35 }
```

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

```
.background{ background-color:#796A35 }
```

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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