

Converting Colors

Hex(796C36)

Have a look what the booklet for
Hex(796C36) contains.

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Color

Hex(796C36)

Conversions

Conversions Part 1

Format	Color
Hex	796C36
RGB	121, 108, 54
RGB Percent	47%, 42%, 21%
CMY	0.5255, 0.5765, 0.7882
CMYK	0.00, 0.11, 0.55, 0.53
HSL	48°, 38%, 34%
HSV	48°, 55%, 47%
XYZ	13.9136, 15.0564, 5.6629
YIQ	105.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

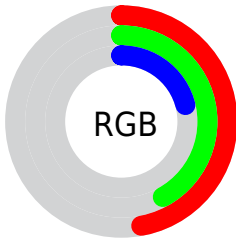
Format	Color
RYB	70, 121, 54
Decimal	7957558
CIELab	45.71, -2.48, 31.74
CIELCh	46, 31.841, 94.473
Yxy	15.0564, 0.4017, 0.4347
Android (android.graphics.Color)	4286147638 (0xFF796C36)
YUV	105.7310, -25.5034, 13.3909
Hunter-Lab	38.8026, -3.8992, 18.5090

Details

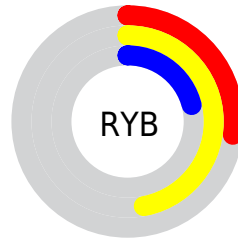
The Hex color **796C36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **364379**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AF9F66**, and **463D07** is the 20% darker color. If you saturate the color by 10%, you get **796A2A**, and if you desaturate by 10%, it is **796E42**.

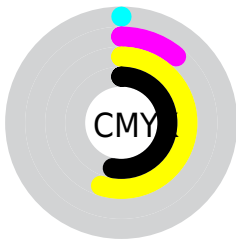
Distribution



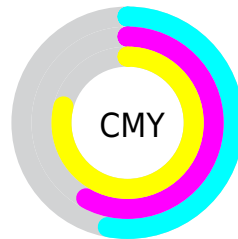
- Red (47%)
- Green (42%)
- Blue (21%)



- Red (27%)
- Yellow (47%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 796C36 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 796C36 by changing the saturation by 10% instead.



796C36



796C36

FFFFFF



5F541F



AF9F66



463D07



CBBA80



2F2700



E8D69A



161300



FFF2B5



000000



FFFFD1



FFFFED



796C36



796C36



796A2A



796E42

■ 79671E

■ 79714E

■ 796512

■ 79735A

■ 796306

■ 797566

■ 796200

■ 797872

■ 797A7F

■ 797C8B

■ 797F97

■ 7981A3

Harmonies

Analogous

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



8F633D



796C36



5D733F

Triad

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



796C36



00798A



915B84

Complementary

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



796C36



364379

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.



746498



796C36



00759C

Square

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



796C36



007A6F



496EA1



9E5769

Rectangle

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



796C36



47774C



496EA1



895D8B

Sweetspot

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



796C36



9E9983



793643



4F4C3F



CFCFCF



4F4F4F

Same Dimension

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



796C36



9E8A36



657936



3D3C37



7D6500



FCCB00

Inverse Universe

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



364379



364A9E



4A3679



37383D



00187D



0031FC

Previews

White Background



This preview shows how the Hex color 796C36 looks on a white background.

Color Contrast Check

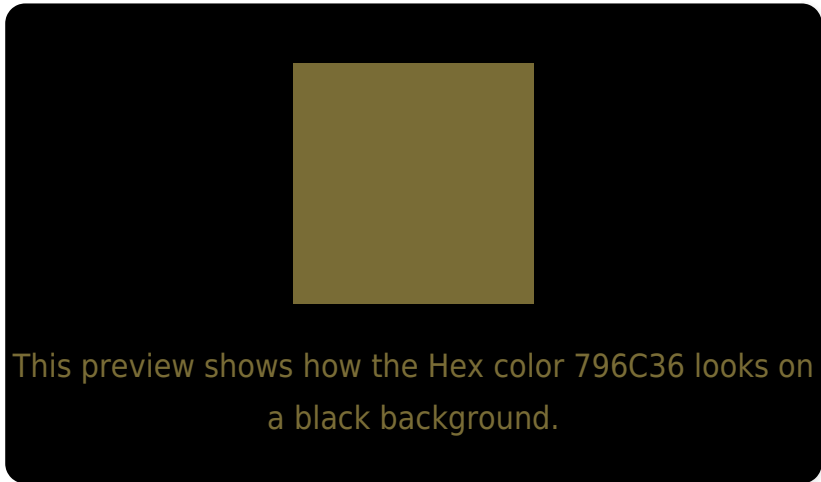
Large Text (above 18pt) WCAG AA ✓ Pass

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

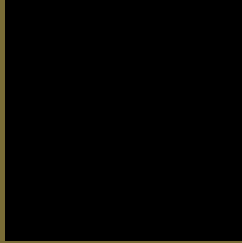
Any Text WCAG AA × Fail

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 796C36 Background



This preview shows how black text looks on a background with the Hex color 796C36.



This preview shows how white text looks on a background with the Hex color 796C36.

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
796C36

Protanopia
786C36

Deuteranopia
856737



Tritanopia
7E666E

Trichromacy



Original Color
796C36

Protanomaly
786C36

Deuteranomaly
816937

Tritanomaly
7C685A

Monochromacy



Original Color
796C36

Achromatopsia
6A6A6A

Achromatomaly
6F6B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 796C36 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 #796C36 looks like.

```
.text, #text, p{  
    color:#796C36  
}
```

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 #796C36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796C36
}
```

Border

The CSS property to change the border of an element to Hex 796C36 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
#796C36 }
```

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

```
.border{ border-color:#796C36 }
```

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

Here you see how a box with a 4 pixel #796C36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796C36; -webkit-box-shadow:4px 4px  
4px 4px #796C36; box-shadow:4px 4px 4px  
4px #796C36 }
```

Background

The CSS property to change the background color of an element to Hex 796C36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796C36 }
```

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

```
.background{ background-color:#796C36 }
```

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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