

Converting Colors

Hex(796C18)

Have a look what the booklet for
Hex(796C18) contains.

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Color

Hex(796C18)

Conversions

Conversions Part 1

Format	Color
Hex	796C18
RGB	121, 108, 24
RGB Percent	47%, 42%, 9%
CMY	0.5255, 0.5765, 0.9059
CMYK	0.00, 0.11, 0.80, 0.53
HSL	52°, 67%, 28%
HSV	52°, 80%, 47%
XYZ	13.4126, 14.8560, 3.0247
YIQ	102.3110, 34.7120, -23.3680

Conversions

Conversions Part 2

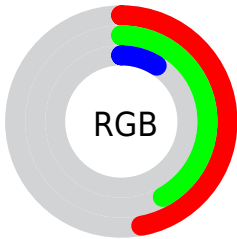
Format	Color
RYB	39, 121, 24
Decimal	7957528
CIELab	45.44, -4.50, 45.35
CIELCh	45, 45.575, 95.666
Yxy	14.8560, 0.4286, 0.4747
Android (android.graphics.Color)	4286147608 (0xFF796C18)
YUV	102.3110, -38.6073, 16.3903
Hunter-Lab	38.5435, -5.3357, 22.3276

Details

The Hex color **796C18** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **182579**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B09F4B**, and **453D00** is the 20% darker color. If you saturate the color by 10%, you get **796A0C**, and if you desaturate by 10%, it is **796E24**.

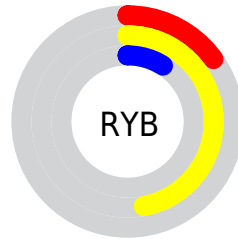
Distribution



Red (47%)

Green (42%)

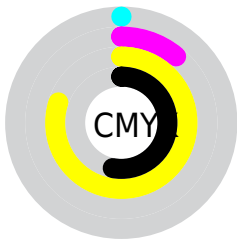
Blue (9%)



Red (15%)

Yellow (47%)

Blue (9%)

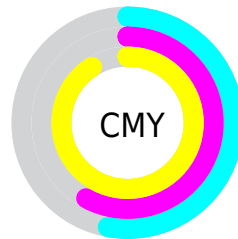


Cyan (0%)

Magenta (11%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796C18 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 796C18 by changing the saturation by 10% instead.

 796C18

 796C18

FFFFFF

 5E5400


 B09F4B

 453D00

 CDBA65

 2C2800

 EAD67F

 111400

 FFF299

 000000

 FFFFB5

 FFFF D1

 FFFF ED

 796C18

 796C18

■ 796A0C

■ 796E24

■ 796900

■ 796F30

■ 79713C

■ 797248

■ 797454

■ 797661

■ 79776D

■ 797979

■ 797B85

Harmonies

Analogous

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



985E24



796C18



517629

Triad

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



796C18



007D97



9F4F8C

Complementary

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



796C18



182579

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.



775EAA



796C18



0078B1

Square

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



796C18



007E72



246DB7



B04866

Rectangle

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



796C18



2C7A3E



246DB7



955497

Sweetspot

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



796C18



9E9978



791827



4F4C38



CFCFCF



4F4F4F

Same Dimension

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



796C18



9E8A06



577918



3D3C37



7D6C00



FCDB00

Inverse Universe

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



182579



061B9E



3A1879



37383D



00117D



0022FC

Previews

White Background



This preview shows how the Hex color 796C18 looks on a white background.

Color Contrast Check

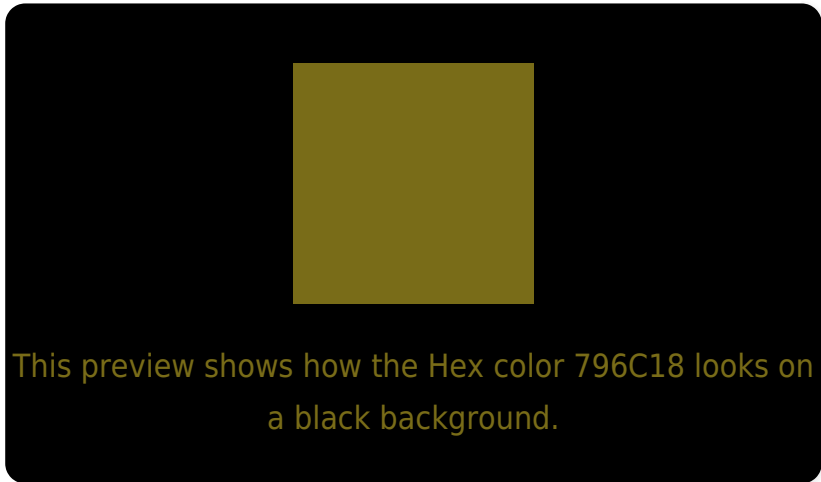
Large Text (above 18pt) WCAG AA ✓ Pass

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 796C18 Background



This preview shows how black text looks on a background with the Hex color 796C18.



This preview shows how white text looks on a background with the Hex color 796C18.

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
796C18

Protanopia
796C18

Deuteranopia
87661B



Tritanopia
7F656C

Trichromacy



Original Color
796C18

Protanomaly
796C18

Deuteranomaly
82681A

Tritanomaly
7D684D

Monochromacy



Original Color
796C18

Achromatopsia
666666

Achromatomaly
6D684A

CSS Examples

Text

The CSS property to change the color of the text to Hex 796C18 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 #796C18 looks like.

```
.text, #text, p{  
    color:#796C18  
}
```

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 #796C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796C18 }  
}
```

Border

The CSS property to change the border of an element to Hex 796C18 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 #796C18 }  
}
```

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

```
.border{ border-color:#796C18 }
```

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

Here you see how a box with a 4 pixel #796C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796C18; -webkit-box-shadow:4px 4px  
4px 4px #796C18; box-shadow:4px 4px 4px  
4px #796C18 }
```

Background

The CSS property to change the background color of an element to Hex 796C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796C18 }
```

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

```
.background{ background-color:#796C18 }
```

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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