

Converting Colors

Hex(766E1E)

Have a look what the booklet for
Hex(766E1E) contains.

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Color

Hex(766E1E)

Conversions

Conversions Part 1

Format	Color
Hex	766E1E
RGB	118, 110, 30
RGB Percent	46%, 43%, 12%
CMY	0.5373, 0.5686, 0.8824
CMYK	0.00, 0.07, 0.75, 0.54
HSL	55°, 59%, 29%
HSV	55°, 75%, 46%
XYZ	13.2815, 15.0972, 3.4423
YIQ	103.2720, 30.4480, -23.1840

Conversions

Conversions Part 2

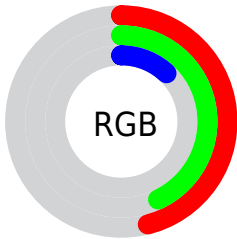
Format	Color
R_{YB}	39, 118, 30
Decimal	7761438
CIE _{Lab}	45.77, -6.78, 43.25
CIE _{LCh}	46, 43.782, 98.903
Yxy	15.0972, 0.4174, 0.4744
Android (android.graphics.Color)	4285951518 (0xFF766E1E)
YUV	103.2720, -36.1231, 12.9165
Hunter-Lab	38.8551, -6.9812, 21.9458

Details

The Hex color **766E1E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1E2676**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **ADA150**, and **433F00** is the 20% darker color. If you saturate the color by 10%, you get **766D12**, and if you desaturate by 10%, it is **766F2A**.

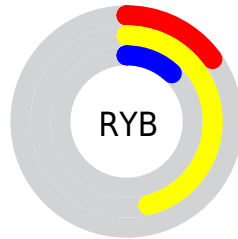
Distribution



Red (46%)

Green (43%)

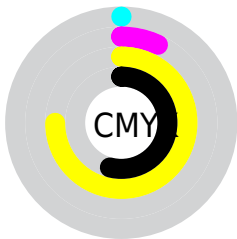
Blue (12%)



Red (15%)

Yellow (46%)

Blue (12%)

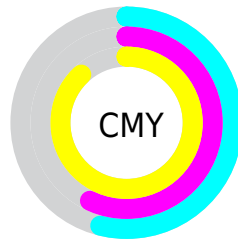


Cyan (0%)

Magenta (7%)

Yellow (75%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766E1E 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 766E1E by changing the saturation by 10% instead.



766E1E



766E1E

FFFFFF



5C5601



ADA150



433F00



C9BC69



2A2900



E6D883



0E1500



FFF49E



000000



FFFFBA



FFFFD6



FFFFF3



766E1E



766E1E

■ 766D12

■ 766F2A

■ 766C06

■ 767036

■ 766B00

■ 767141

■ 76724D

■ 767359

■ 767465

■ 767671

■ 76777C

■ 767888

Harmonies

Analogous

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



956126



766E1E



4F7730

Triad

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



766E1E



007D99



A15088

Complementary

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



766E1E



1E2676

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.



7D5EA6



766E1E



0077B0

Square

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



766E1E



007E77



396DB5



AF4B63

Rectangle

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



766E1E



2A7B45



396DB5



985493

Sweetspot

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



766E1E



999677



761E27



4D4B39



CCCCCC



4D4D4D

Same Dimension

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



766E1E



998D11



53761E



3B3A35



7A6F00



FAE300

Inverse Universe

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



1E2676



111D99



411E76



35353B



000B7A



0017FA

Previews

White Background



This preview shows how the Hex color 766E1E looks on a white background.

Color Contrast Check

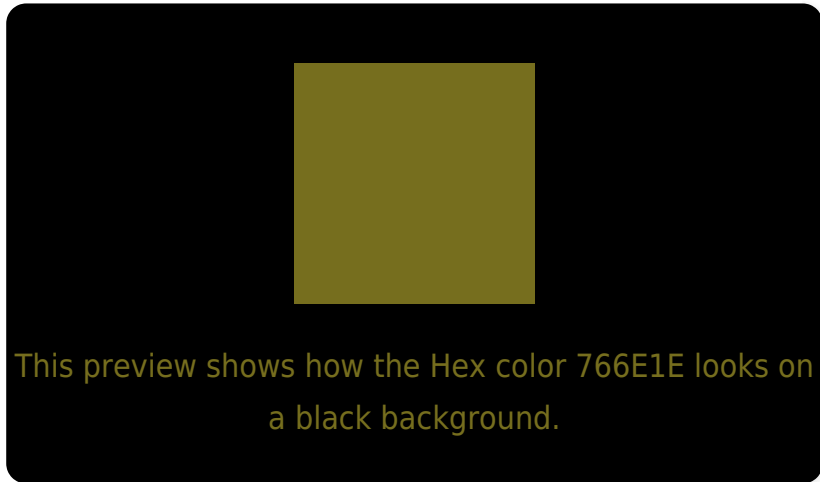
Large Text (above 18pt) WCAG AA ✓ Pass

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

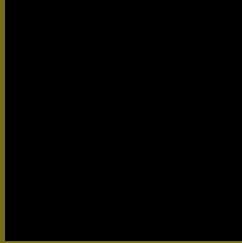
Any Text WCAG AA × Fail

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 766E1E Background



This preview shows how black text looks on a background with the Hex color 766E1E.



This preview shows how white text looks on a background with the Hex color 766E1E.

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


766E1E

Protanopia

7A6D1E

Deuteranopia

886721



Tritanopia
7C676F

Trichromacy



Original Color
766E1E

Protanomaly
796D1E

Deuteranomaly
816A20

Tritanomaly
7A6A52

Monochromacy



Original Color
766E1E

Achromatopsia
676767

Achromatomaly
6C6A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 766E1E 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 #766E1E looks like.

```
.text, #text, p{  
    color:#766E1E  
}
```

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 #766E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766E1E
}
```

Border

The CSS property to change the border of an element to Hex 766E1E 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
#766E1E }
```

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

```
.border{ border-color:#766E1E }
```

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

Here you see how a box with a 4 pixel #766E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766E1E; -webkit-box-shadow:4px 4px  
4px 4px #766E1E; box-shadow:4px 4px 4px  
4px #766E1E }
```

Background

The CSS property to change the background color of an element to Hex 766E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766E1E }
```

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

```
.background{ background-color:#766E1E }
```

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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