

# Converting Colors

Hex(716C2E)

Have a look what the booklet for  
Hex(716C2E) contains.

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**Color**

**Hex(716C2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	716C2E
RGB	113, 108, 46
RGB Percent	44%, 42%, 18%
CMY	0.5569, 0.5765, 0.8196
CMYK	0.00, 0.04, 0.59, 0.56
HSL	56°, 42%, 31%
HSV	56°, 59%, 44%
XYZ	12.6658, 14.4331, 4.7031
YIQ	102.4270, 22.8820, -18.2220

# Conversions

## Conversions Part 2

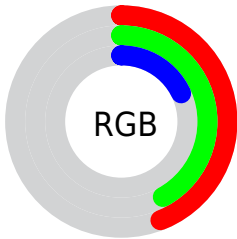
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 113, 46
Decimal	7433262
CIELab	44.85, -6.89, 34.74
CIElCh	45, 35.413, 101.213
Yxy	14.4331, 0.3983, 0.4538
Android (android.graphics.Color)	4285623342 (0xFF716C2E)
YUV	102.4270, -27.8185, 9.2725
Hunter-Lab	37.9909, -6.9741, 19.2538

# Details

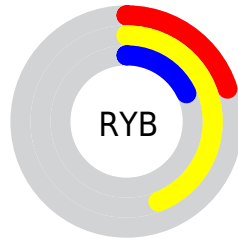
The Hex color **716C2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E3371**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A79F5E**, and **3F3D00** is the 20% darker color. If you saturate the color by 10%, you get **716B23**, and if you desaturate by 10%, it is **716D39**.

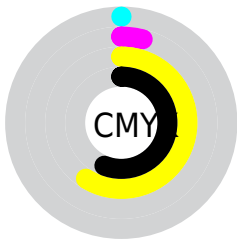
# Distribution



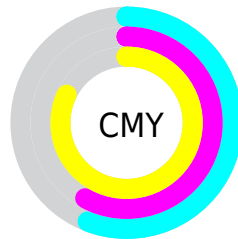
- Red (44%)
- Green (42%)
- Blue (18%)



- Red (20%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (4%)
- Yellow (59%)
- Black (56%)




- Cyan (56%)
- Magenta (58%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 716C2E 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 716C2E by changing the saturation by 10% instead.



 716C2E

 716C2E

FFFFFF

 575416

 A79F5E

 3F3D00

 C2BA78

 272700

 DFD692


 091400


 FCF2AD

 000000


 FFFFC8

 FFFF E5

 716C2E

 716C2E

 716B23

 716D39

■ 716A17

■ 716E45

■ 71690C

■ 716F50

■ 716901

■ 716F5B

■ 716900

■ 717067

■ 717172

■ 71727D

■ 717388

■ 717494

# Harmonies

## Analogous

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



8B6232



716C2E



51733C

# Triad

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



716C2E



007890



97547E

# Complementary

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



716C2E



2E3371

# 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.



7B5E97



716C2E



0072A2

# Square

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



716C2E



007975



4D69A4



A25160

# Rectangle

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



716C2E



36774D



4D69A4



905787



# Sweetspot

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



716C2E



949279



712E34



4A493A



C9C9C9



4A4A4A



# Same Dimension

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



716C2E



948C2B



55712E



383832



786F00



F7E500



# Inverse Universe

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



2E3371



2B3394



4A2E71



323338



000978



0012F7



# Previews

## White Background



This preview shows how the Hex color 716C2E looks on a white background.

## Color Contrast Check

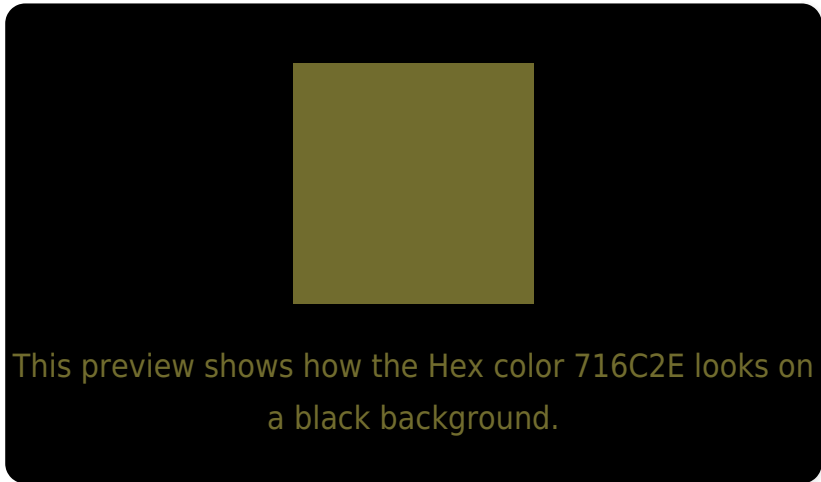
Large Text (above 18pt) WCAG AA ✓ Pass

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

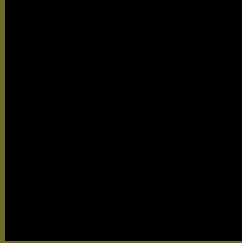
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 716C2E Background



This preview shows how black text looks on a background with the Hex color 716C2E.



This preview shows how white text looks on a background with the Hex color 716C2E.

# 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**  
716C2E

**Protanopia**  
766A2D

**Deuteranopia**  
836530



**Tritanopia**  
77656D

# Trichromacy



**Original Color**  
716C2E

**Protanomaly**  
746B2D

**Deuteranomaly**  
7C682F

**Tritanomaly**  
756856

# Monochromacy



**Original Color**  
716C2E

**Achromatopsia**  
666666

**Achromatomaly**  
6A6852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 716C2E 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 #716C2E looks like.

```
.text, #text, p{  
    color:#716C2E  
}
```

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 #716C2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716C2E
}
```

## Border

The CSS property to change the border of an element to Hex 716C2E 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
#716C2E }
```

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

```
.border{ border-color:#716C2E }
```

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

Here you see how a box with a 4 pixel #716C2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716C2E; -webkit-box-shadow:4px 4px  
4px 4px #716C2E; box-shadow:4px 4px 4px  
4px #716C2E }
```

# Background

The CSS property to change the background color of an element to Hex 716C2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716C2E }
```

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

```
.background{ background-color:#716C2E }
```

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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