

# Converting Colors

Hex(776B2A)

Have a look what the booklet for  
Hex(776B2A) contains.

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**Color**

**Hex(776B2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	776B2A
RGB	119, 107, 42
RGB Percent	47%, 42%, 16%
CMY	0.5333, 0.5804, 0.8353
CMYK	0.00, 0.10, 0.65, 0.53
HSL	51°, 48%, 32%
HSV	51°, 65%, 47%
XYZ	13.2834, 14.6045, 4.3093
YIQ	103.1780, 28.0170, -17.6710

# Conversions

## Conversions Part 2

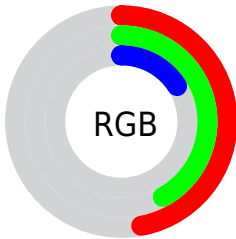
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 119, 42
Decimal	7826218
CIELab	45.09, -3.84, 37.17
CIElCh	45, 37.363, 95.892
Yxy	14.6045, 0.4126, 0.4536
Android (android.graphics.Color)	4286016298 (0xFF776B2A)
YUV	103.1780, -30.1608, 13.8759
Hunter-Lab	38.2158, -4.8332, 20.0654

# Details

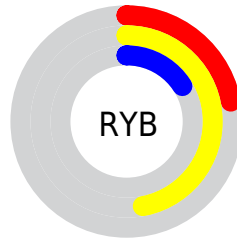
The Hex color **776B2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A3677**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AD9E5A**, and **443C00** is the 20% darker color. If you saturate the color by 10%, you get **77691E**, and if you desaturate by 10%, it is **776D36**.

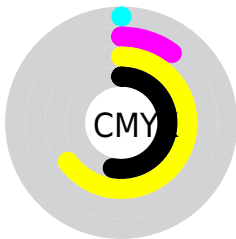
# Distribution



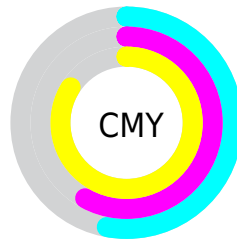
- Red (47%)
- Green (42%)
- Blue (16%)



- Red (22%)
- Yellow (47%)
- Blue (16%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776B2A 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 776B2A by changing the saturation by 10% instead.





776B2A



776B2A

FFFFFF



5D5312



AD9E5A



443C00



C9B974



2C2700



E6D58E



111300



FFF1A9



000000



FFFFC4



FFFFE1



FFFFFD



776B2A



776B2A

■ 77691E

■ 776D36

■ 776712

■ 776F42

■ 776506

■ 77714E

■ 776400

■ 77725A

■ 777466

■ 777671

■ 77787D

■ 777A89

■ 777C95

# Harmonies

## Analogous

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



916032



776B2A



567336

# Triad

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



776B2A



00798E



965585

# Complementary

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



776B2A



2A3677

# 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.



75609D



776B2A



0075A3

# Square

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



776B2A



007A70



3F6CA9



A45066

# Rectangle

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



776B2A



3B7746



3F6CA9



8D588E



# Sweetspot

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



776B2A



9C977E



772A37



4F4C3D



CFCFCF



4F4F4F



# Same Dimension

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



776B2A



9C8922



5D772A



3B3A35



7A6700



FAD300



# Inverse Universe

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



2A3677



22359C



442A77



35363B



00137A



0027FA



# Previews

## White Background



This preview shows how the Hex color 776B2A looks on a white background.

## Color Contrast Check

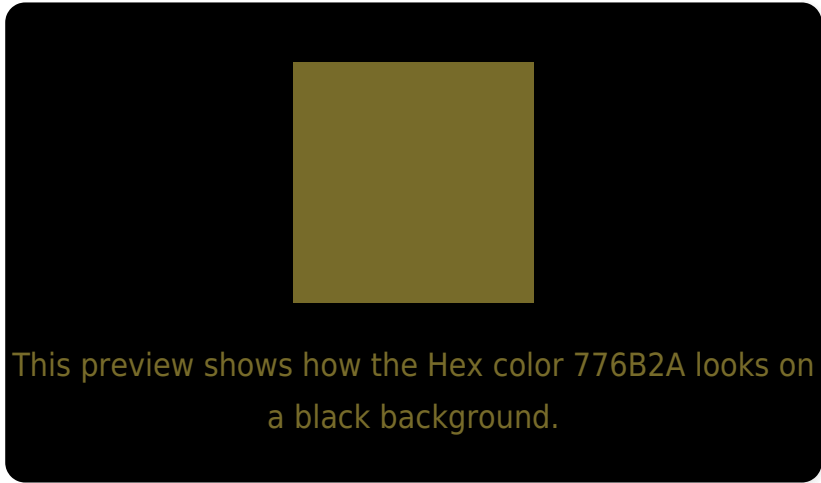
Large Text (above 18pt) WCAG AA ✓ Pass

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

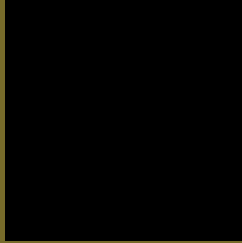
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 776B2A Background



This preview shows how black text looks on a background with the Hex color 776B2A.



This preview shows how white text looks on a background with the Hex color 776B2A.

# 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**  
776B2A

**Protanopia**  
776B2A

**Deuteranopia**  
85662C



**Tritanopia**  
7D646C

# Trichromacy



**Original Color**  
776B2A

**Protanomaly**  
776B2A

**Deuteranomaly**  
80682B

**Tritanomaly**  
7B6754

# Monochromacy



**Original Color**  
776B2A

**Achromatopsia**  
676767

**Achromatomaly**  
6D6851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776B2A 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 #776B2A looks like.

```
.text, #text, p{  
    color:#776B2A  
}
```

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 #776B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776B2A
}
```

## Border

The CSS property to change the border of an element to Hex 776B2A 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
#776B2A }
```

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

```
.border{ border-color:#776B2A }
```

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

Here you see how a box with a 4 pixel #776B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776B2A; -webkit-box-shadow:4px 4px  
4px 4px #776B2A; box-shadow:4px 4px 4px  
4px #776B2A }
```

# Background

The CSS property to change the background color of an element to Hex 776B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776B2A }
```

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

```
.background{ background-color:#776B2A }
```

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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