

# Converting Colors

Hex(786A3C)

Have a look what the booklet for  
Hex(786A3C) contains.

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**Color**

**Hex(786A3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	786A3C
RGB	120, 106, 60
RGB Percent	47%, 42%, 24%
CMY	0.5294, 0.5843, 0.7647
CMYK	0.00, 0.12, 0.50, 0.53
HSL	46°, 33%, 35%
HSV	46°, 50%, 47%
XYZ	13.7154, 14.6274, 6.3755
YIQ	104.9420, 23.1100, -11.3380

# Conversions

## Conversions Part 2

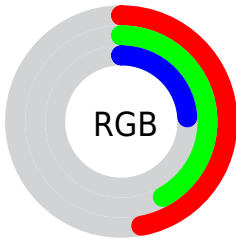
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 120, 60
Decimal	7891516
CIELab	45.12, -1.19, 27.72
CIELCh	45, 27.741, 92.458
Yxy	14.6274, 0.3950, 0.4213
Android (android.graphics.Color)	4286081596 (0xFF786A3C)
YUV	104.9420, -22.1564, 13.2059
Hunter-Lab	38.2458, -2.9179, 16.8886

# Details

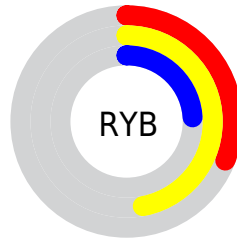
The Hex color **786A3C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C4A78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AE9D6C**, and **463B0F** is the 20% darker color. If you saturate the color by 10%, you get **786730**, and if you desaturate by 10%, it is **786D48**.

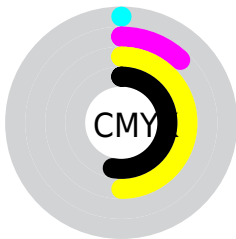
# Distribution



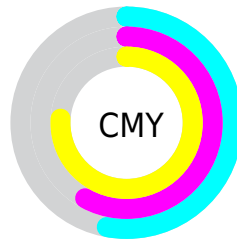
- Red (47%)
- Green (42%)
- Blue (24%)



- Red (31%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 786A3C 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 786A3C by changing the saturation by 10% instead.



 786A3C

 786A3C

FFFFFF

 5E5225

 AE9D6C

 463B0F

 C9B886

 2F2500

 E6D4A0

 161100

 FFF0BC

 000000

 FFFFD7

 FFFFF4

 786A3C

 786A3C

 786730

 786D48

■ 786424

■ 787054

■ 786218

■ 787260

■ 785F0C

■ 78756C

■ 785C00

■ 787878

■ 787B84

■ 787E90

■ 78809C

■ 7883A8

# Harmonies

## Analogous

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



8B6242



786A3C



607143

# Triad

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



786A3C



007683



895C81

# Complementary

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



786A3C



3C4A78

# 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.



706492



786A3C



1F7393

# Square

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



786A3C



22776C



4C6C99



96596A

# Rectangle

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



786A3C



4D744E



4C6C99



825F87



# Sweetspot

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



786A3C



9C9684



783C4A



4F4C41



CFCFCF



4F4F4F



# Same Dimension

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



786A3C



9C863E



68783C



3D3C37



7D6000



FCC200



# Inverse Universe

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



3C4A78



3E549C



4C3C78



37393D



001D7D



003BFC



# Previews

## White Background



This preview shows how the Hex color 786A3C looks on a white background.

## Color Contrast Check

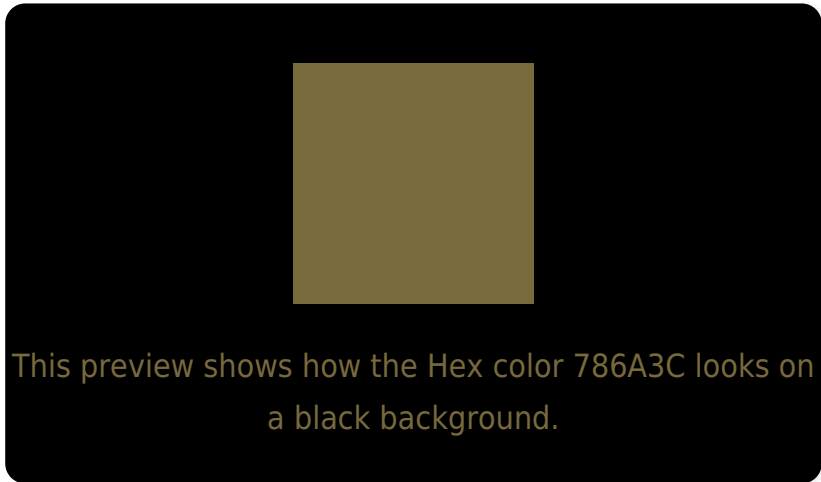
Large Text (above 18pt) WCAG AA ✓ Pass

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

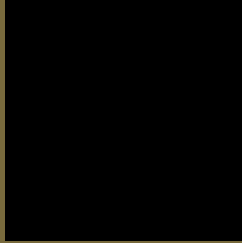
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 786A3C Background



This preview shows how black text looks on a background with the Hex color 786A3C.



This preview shows how white text looks on a background with the Hex color 786A3C.

# 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**  
786A3C

**Protanopia**  
756B3C

**Deuteranopia**  
82663D



**Tritanopia**  
7D646C

# Trichromacy



**Original Color**  
786A3C

**Protanomaly**  
766B3C

**Deuteranomaly**  
7E673D

**Tritanomaly**  
7B665B

# Monochromacy



**Original Color**  
786A3C

**Achromatopsia**  
696969

**Achromatomaly**  
6E6959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 786A3C 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 #786A3C looks like.

```
.text, #text, p{  
    color:#786A3C  
}
```

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 #786A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786A3C
}
```

## Border

The CSS property to change the border of an element to Hex 786A3C 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
#786A3C }
```

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

```
.border{ border-color:#786A3C }
```

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

Here you see how a box with a 4 pixel #786A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786A3C; -webkit-box-shadow:4px 4px  
4px 4px #786A3C; box-shadow:4px 4px 4px  
4px #786A3C }
```

# Background

The CSS property to change the background color of an element to Hex 786A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786A3C }
```

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

```
.background{ background-color:#786A3C }
```

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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