

# Converting Colors

Hex(7A6366)

Have a look what the booklet for  
Hex(7A6366) contains.

<b>Hex(7A6366)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7A6366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A6366
RGB	122, 99, 102
RGB Percent	48%, 39%, 40%
CMY	0.5216, 0.6118, 0.6000
CMYK	0.00, 0.19, 0.16, 0.52
HSL	352°, 10%, 43%
HSV	352°, 19%, 48%
XYZ	14.8862, 14.0206, 14.4920
YIQ	106.2190, 12.7450, 5.8090

# Conversions

## Conversions Part 2

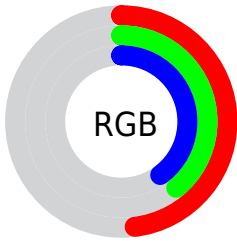
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 99, 102
Decimal	8020838
CIE <sub>Lab</sub>	44.26, 9.76, 1.79
CIE <sub>LCh</sub>	44, 9.926, 10.368
Yxy	14.0206, 0.3430, 0.3231
Android (android.graphics.Color)	4286210918 (0xFF7A6366)
YUV	106.2190, -2.0800, 13.8399
Hunter-Lab	37.4440, 5.4369, 3.2637

# Details

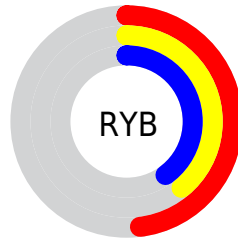
The Hex color **7A6366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **637A77**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AF9699**, and **493437** is the 20% darker color. If you saturate the color by 10%, you get **7A575B**, and if you desaturate by 10%, it is **7A6F71**.

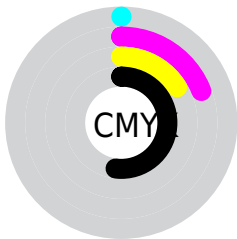
# Distribution



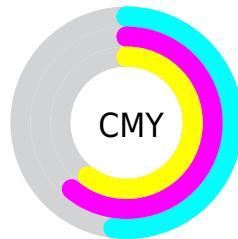
- Red (48%)
- Green (39%)
- Blue (40%)



- Red (48%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6366 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 7A6366 by changing the saturation by 10% instead.





7A6366



7A6366

FFFFFF



614B4E



AF9699



493437



CAB1B4



321F22



E6CCCF



1E080C



FFE8EB



000000



7A6366



7A6366



7A575B



7A6F71



7A4B51



7A7B7B



7A3E46



7A8886

 7A323C

 7A9490

 7A2631

 7AA09B

 7A1A26

 7AACA6

 7A0E1C

 7AB8B0

 7A0111

 7AC5BB

 7A0010

 7AD1C5

# Harmonies

## Analogous

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



76646E



7A6366



79645E

# Triad

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



7A6366



636B5C



5A6B78

# Complementary

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



7A6366



637A77

# 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.



546D73



7A6366



5A6D63

# Square

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



7A6366



6C6958



546E6B



636879

# Rectangle

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



7A6366



76655B



546E6B



576C77



# Sweetspot

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



7A6366



9E9596



77637A



4F4A4A



CFCFCF



4F4F4F



# Same Dimension

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



7A6366



9E7A7E



7A6B63



3D3738



7D0010



FC0021



# Inverse Universe

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



7A6366



9E7A7E



63727A



3D3738



7D0010



FC0021



# Previews

## White Background



This preview shows how the Hex color 7A6366 looks on a white background.

## Color Contrast Check

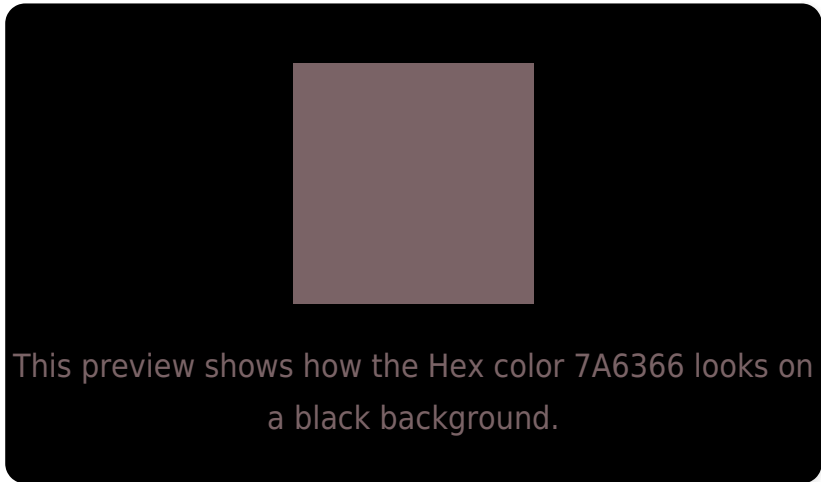
Large Text (above 18pt) WCAG AA ✓ Pass

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

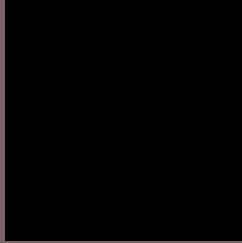
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6366 Background



This preview shows how black text looks on a background with the Hex color 7A6366.



This preview shows how white text looks on a background with the Hex color 7A6366.

# 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**

7A6366

**Protanopia**

6B6869

**Deuteranopia**

746566



**Tritanopia**  
7A626A

# Trichromacy



**Original Color**

7A6366

**Protanomaly**

706668

**Deuteranomaly**

766466

**Tritanomaly**

7A6269

# Monochromacy



**Original Color**

7A6366

**Achromatopsia**

6A6A6A

**Achromatomaly**

706769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6366 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 #7A6366 looks like.

```
.text, #text, p{  
    color:#7A6366  
}
```

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 #7A6366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6366
}
```

## Border

The CSS property to change the border of an element to Hex 7A6366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

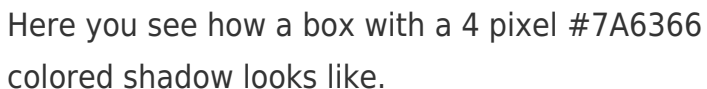
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6366 }
```

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

```
.border{ border-color:#7A6366 }
```

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



Here you see how a box with a 4 pixel #7A6366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6366; -webkit-box-shadow:4px 4px  
4px 4px #7A6366; box-shadow:4px 4px 4px  
4px #7A6366 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6366 }
```

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

```
.background{ background-color:#7A6366 }
```

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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