

# Converting Colors

Hex(7B714A)

Have a look what the booklet for  
Hex(7B714A) contains.

<b>Hex(7B714A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7B714A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B714A
RGB	123, 113, 74
RGB Percent	48%, 44%, 29%
CMY	0.5176, 0.5569, 0.7098
CMYK	0.00, 0.08, 0.40, 0.52
HSL	48°, 25%, 39%
HSV	48°, 40%, 48%
XYZ	15.3095, 16.5156, 8.8595
YIQ	111.5440, 18.4790, -10.0090

# Conversions

## Conversions Part 2

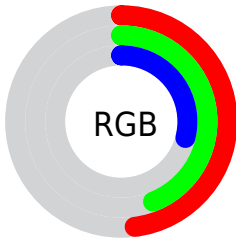
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 123, 74
Decimal	8089930
CIELab	47.64, -2.28, 23.07
CIElCh	48, 23.178, 95.644
Yxy	16.5156, 0.3763, 0.4059
Android (android.graphics.Color)	4286280010 (0xFF7B714A)
YUV	111.5440, -18.5092, 10.0469
Hunter-Lab	40.6394, -3.8751, 15.5222

# Details

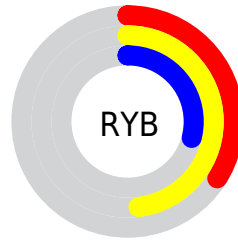
The Hex color **7B714A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A547B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B0A57B**, and **49411D** is the 20% darker color. If you saturate the color by 10%, you get **7B6E3E**, and if you desaturate by 10%, it is **7B7456**.

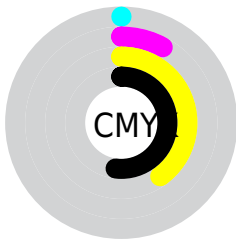
# Distribution



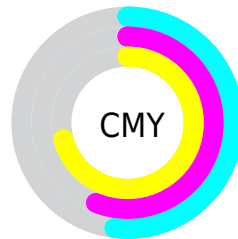
- Red (48%)
- Green (44%)
- Blue (29%)



- Red (34%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B714A 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 7B714A by changing the saturation by 10% instead.





7B714A



7B714A

FFFFFF



625933



B0A57B



49411D



CCC095



322B06



E9DCB0



1B1700



FFF8CB



000000



FFFFE8



7B714A



7B714A



7B6E3E



7B7456



7B6C31



7B7663

 7B6925

 7B796F

 7B6719

 7B7B7B

 7B640D

 7B7E88

 7B6200

 7B8094

 7B83A0

 7B85AC

 7B88B9

# Harmonies

## Analogous

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



8C6A4E



7B714A



667751

# Triad

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



7B714A



307B87



8D6582

# Complementary

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



7B714A



4A547B

# 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.



786B91



7B714A



407794

# Square

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



7B714A



3A7C74



5D7298



97626E

# Rectangle

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



7B714A



57795A



5D7298



876687



# Sweetspot

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



7B714A



A19D8D



7B4A55



524F46



D1D1D1



525252



# Same Dimension

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



7B714A



A19154



6D7B4A



3D3C37



7D6300



FCC900



# Inverse Universe

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



4A547B



5463A1



584A7B



37383D



00197D



0034FC



# Previews

## White Background



This preview shows how the Hex color 7B714A looks on a white background.

## Color Contrast Check

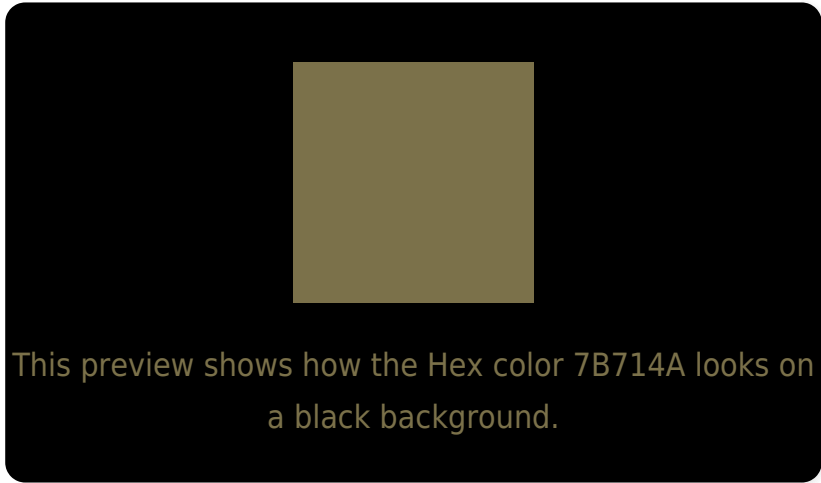
Large Text (above 18pt) WCAG AA ✓ Pass

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

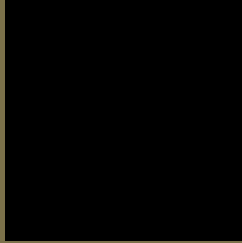
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B714A Background



This preview shows how black text looks on a background with the Hex color 7B714A.



This preview shows how white text looks on a background with the Hex color 7B714A.

# 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**  
7B714A

**Protanopia**  
7B714A

**Deuteranopia**  
886C4B



**Tritanopia**  
806C74

# Trichromacy



**Original Color**  
7B714A

**Protanomaly**  
7B714A

**Deuteranomaly**  
836E4B

**Tritanomaly**  
7E6E65

# Monochromacy



**Original Color**  
7B714A

**Achromatopsia**  
707070

**Achromatomaly**  
747062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B714A 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 #7B714A looks like.

```
.text, #text, p{  
    color:#7B714A  
}
```

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 #7B714A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B714A
}
```

## Border

The CSS property to change the border of an element to Hex 7B714A 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
#7B714A }
```

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

```
.border{ border-color:#7B714A }
```

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

Here you see how a box with a 4 pixel #7B714A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B714A; -webkit-box-shadow:4px 4px  
4px 4px #7B714A; box-shadow:4px 4px 4px  
4px #7B714A }
```

# Background

The CSS property to change the background color of an element to Hex 7B714A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B714A }
```

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

```
.background{ background-color:#7B714A }
```

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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