

Converting Colors

Hex(7B6A44)

Have a look what the booklet for
Hex(7B6A44) contains.

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Color

Hex(7B6A44)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7B6A44 |
| RGB | 123, 106, 68 |
| RGB Percent | 48%, 42%, 27% |
| CMY | 0.5176, 0.5843, 0.7333 |
| CMYK | 0.00, 0.14, 0.45, 0.52 |
| HSL | 41°, 29%, 37% |
| HSV | 41°, 45%, 48% |
| XYZ | 14.3658, 14.9364, 7.5947 |
| YIQ | 106.7510, 22.3300, -8.2140 |

Conversions

Conversions Part 2

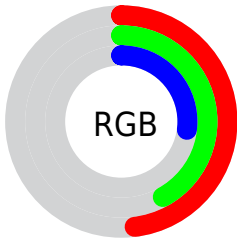
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 93, 123, 68 |
| Decimal | 8088132 |
| CIE Lab | 45.55, 1.05, 23.79 |
| CIE LCh | 46, 23.811, 87.473 |
| Yxy | 14.9364, 0.3894, 0.4048 |
| Android (android.graphics.Color) | 4286278212 (0xFF7B6A44) |
| YUV | 106.7510, -19.1042, 14.2504 |
| Hunter-Lab | 38.6476, -1.2826, 15.4022 |

Details

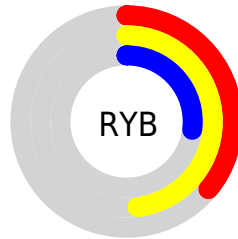
The Hex color **7B6A44** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44557B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B19D75**, and **493B18** is the 20% darker color. If you saturate the color by 10%, you get **7B6638**, and if you desaturate by 10%, it is **7B6E50**.

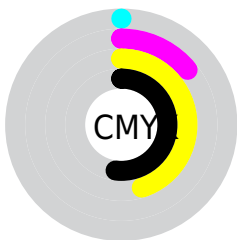
Distribution



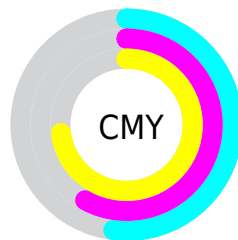
- Red (48%)
- Green (42%)
- Blue (27%)



- Red (36%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6A44 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 7B6A44 by changing the saturation by 10% instead.



7B6A44



7B6A44

FFFFFF



61522D



B19D75



493B18



CCB88E



322500



E9D4A9



1A1100



FFF0C4



000000



FFFFE0

FFFFFFD



7B6A44



7B6A44



7B6638



7B6E50

 7B622B

 7B725D

 7B5F1F

 7B7569

 7B5B13

 7B7975

 7B5707

 7B7D82

 7B5500

 7B818E

 7B859A

 7B88A6

 7B8CB3

Harmonies

Analogous

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



8B634B



7B6A44



667048

Triad

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



7B6A44



27767D



846181

Complementary

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



7B6A44



44557B

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.



6C678F



7B6A44



31738D

Square

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



7B6A44



377769



4E6E93



915D6E

Rectangle

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



7B6A44



577350



4E6E93



7D6387

Sweetspot

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



7B6A44



A19A8C



7B4455



524E45



D1D1D1



525252

Same Dimension

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



7B6A44



A1864A



717B44



3D3B37



7D5600



FCAE00

Inverse Universe

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



44557B



4A65A1



4E447B



37393D



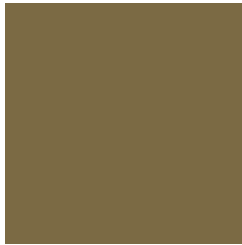
00277D



004EFC

Previews

White Background



This preview shows how the Hex color 7B6A44 looks on a white background.

Color Contrast Check

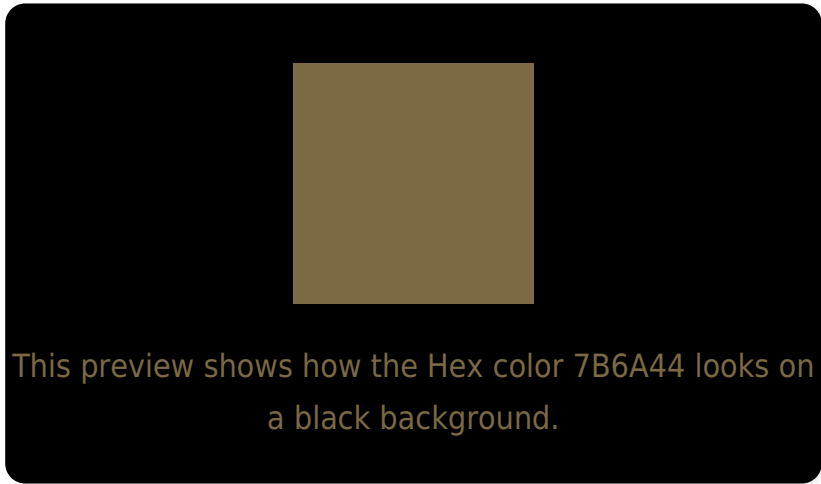
Large Text (above 18pt) WCAG AA ✓ Pass

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

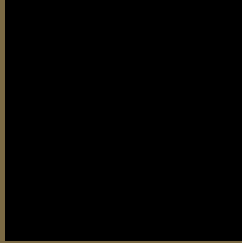
Any Text WCAG AA × Fail

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 7B6A44 Background



This preview shows how black text looks on a background with the Hex color 7B6A44.

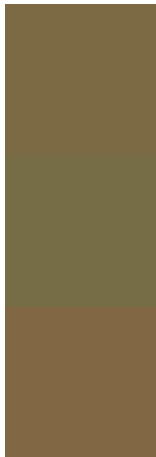


This preview shows how white text looks on a background with the Hex color 7B6A44.

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
7B6A44

Protanopia
766C45

Deuteranopia
826745



Tritanopia
7F656D

Trichromacy



Original Color
7B6A44

Protanomaly
786B45

Deuteranomaly
7F6845

Tritanomaly
7E675E

Monochromacy



Original Color
7B6A44

Achromatopsia
6B6B6B

Achromatomaly
716B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6A44 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 #7B6A44 looks like.

```
.text, #text, p{  
    color:#7B6A44  
}
```

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 #7B6A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6A44  
}
```

Border

The CSS property to change the border of an element to Hex 7B6A44 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  
#7B6A44 }
```

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

```
.border{ border-color:#7B6A44 }
```

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

Here you see how a box with a 4 pixel #7B6A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6A44; -webkit-box-shadow:4px 4px  
4px 4px #7B6A44; box-shadow:4px 4px 4px  
4px #7B6A44 }
```

Background

The CSS property to change the background color of an element to Hex 7B6A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6A44 }
```

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

```
.background{ background-color:#7B6A44 }
```

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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