

Converting Colors

Hex(B77A41)

Have a look what the booklet for
Hex(B77A41) contains.

Hex(B77A41)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B77A41)

Conversions

Conversions Part 1

Format	Color
Hex	B77A41
RGB	183, 122, 65
RGB Percent	72%, 48%, 25%
CMY	0.2824, 0.5216, 0.7451
CMYK	0.00, 0.33, 0.64, 0.28
HSL	29°, 48%, 49%
HSV	29°, 64%, 72%
XYZ	27.4421, 24.3680, 8.2582
YIQ	133.7410, 54.6530, -4.7950

Conversions

Conversions Part 2

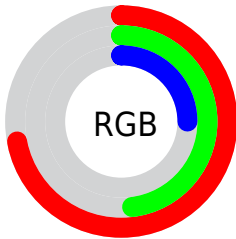
Format	Color
R_{YB}	183, 175, 65
Decimal	12024385
CIE _{Lab}	56.45, 18.16, 40.26
CIE _{LCh}	56, 44.171, 65.717
Yxy	24.3680, 0.4568, 0.4057
Android (android.graphics.Color)	4290214465 (0xFFB77A41)
YUV	133.7410, -33.8893, 43.2001
Hunter-Lab	49.3640, 12.8437, 24.6361

Details

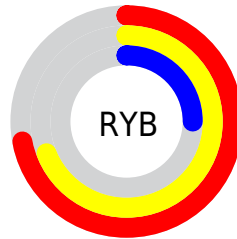
The Hex color **B77A41** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **417EB7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F2AF73**, and **7E4911** is the 20% darker color. If you saturate the color by 10%, you get **B7712F**, and if you desaturate by 10%, it is **B78353**.

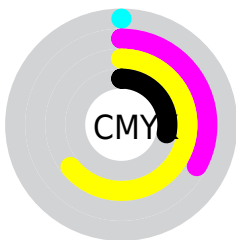
Distribution



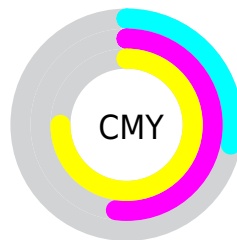
- Red (72%)
- Green (48%)
- Blue (25%)



- Red (72%)
- Yellow (69%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77A41 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 B77A41 by changing the saturation by 10% instead.

 B77A41

 B77A41

FFFFFF

 9A6129

 F2AF73

 7E4911

 FFCA8D

 623200

 FFE6A8

 471D00

 FFFFC3

 2D0700

 FFFFDF

 080000

FFFFFFC

 000000

 B77A41

 B77A41

 B7712F

 B78353

 B7671C

 B78D66

 B75E0A

 B79678

 B75800

 B7A08A

 B7A99C

 B7B3AF

 B7BCC1

 B7C6D3

 B7CFE6

Harmonies

Analogous

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



CB6D5D



B77A41



978838

Triad

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



B77A41



009B8E



947AC6

Complementary

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



B77A41



417EB7

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.



5189D4



B77A41



0099B3

Square

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



B77A41



389866



0094CD



BD6CA8

Rectangle

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



B77A41



7D8F3F



0094CD



817FCD

Sweetspot

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



B77A41



EDD6C0



B74180



786A5C



F7F7F7



787878

Same Dimension

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



B77A41



ED8F37



B7B341



5C5753



9C4B00



1C0E00

Inverse Universe

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



417EB7



3795ED



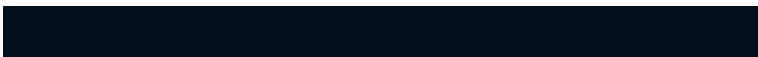
4145B7



53575C



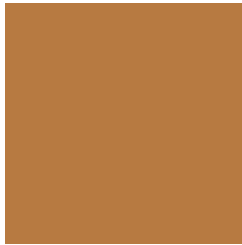
00509C



000F1C

Previews

White Background



This preview shows how the Hex color B77A41 looks on a white background.

Color Contrast Check

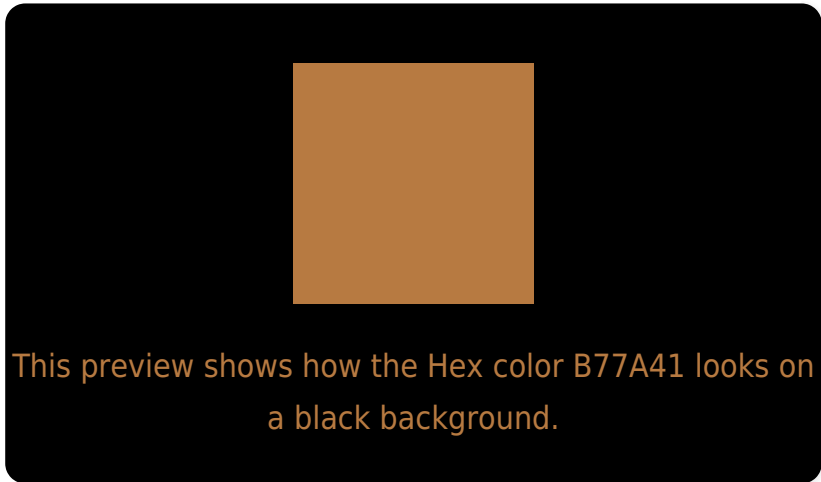
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

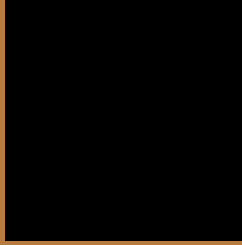
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B77A41 Background



This preview shows how black text looks on a background with the Hex color B77A41.



This preview shows how white text looks on a background with the Hex color B77A41.

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
B77A41

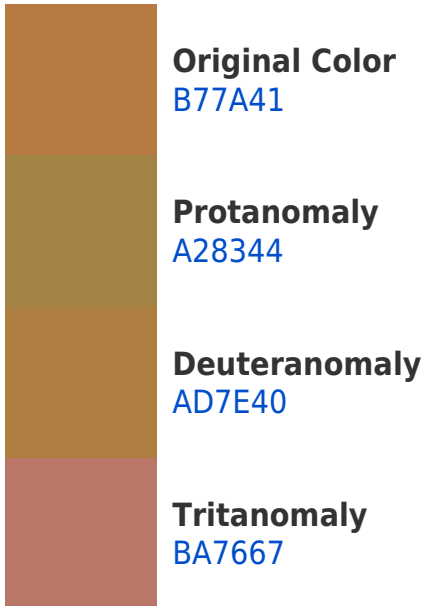
Protanopia
968846

Deuteranopia
A8813F

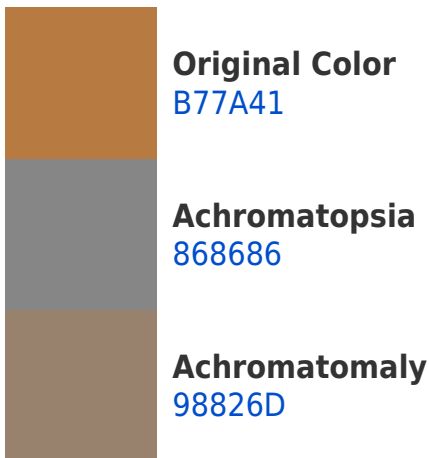


Tritanopia
BB737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B77A41 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 #B77A41 looks like.

```
.text, #text, p{  
    color:#B77A41  
}
```

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 #B77A41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77A41
}
```

Border

The CSS property to change the border of an element to Hex B77A41 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
#B77A41 }
```

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

```
.border{ border-color:#B77A41 }
```

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

Here you see how a box with a 4 pixel #B77A41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77A41; -webkit-box-shadow:4px 4px  
4px 4px #B77A41; box-shadow:4px 4px 4px  
4px #B77A41 }
```

Background

The CSS property to change the background color of an element to Hex B77A41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77A41 }
```

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

```
.background{ background-color:#B77A41 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor