

# Converting Colors

Hex(B77E2D)

Have a look what the booklet for  
Hex(B77E2D) contains.

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# Color

Hex(B77E2D)

# Conversions

## Conversions Part 1

Format	Color
Hex	B77E2D
RGB	183, 126, 45
RGB Percent	72%, 49%, 18%
CMY	0.2824, 0.5059, 0.8235
CMYK	0.00, 0.31, 0.75, 0.28
HSL	35°, 61%, 45%
HSV	35°, 75%, 72%
XYZ	27.4629, 25.1785, 5.8951
YIQ	133.8090, 59.9730, -13.1070

# Conversions

## Conversions Part 2

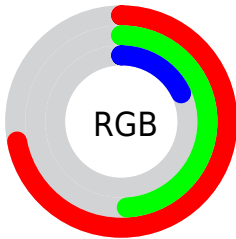
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 183, 45
Decimal	12025389
CIE <sub>Lab</sub>	57.25, 14.82, 50.63
CIE <sub>LCh</sub>	57, 52.755, 73.681
Yxy	25.1785, 0.4692, 0.4301
Android (android.graphics.Color)	4290215469 (0xFFB77E2D)
YUV	133.8090, -43.7828, 43.1405
Hunter-Lab	50.1781, 9.8829, 28.1591

# Details

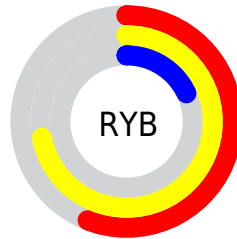
The Hex color **B77E2D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2D66B7**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F3B360**, and **7D4D00** is the 20% darker color. If you saturate the color by 10%, you get **B7761B**, and if you desaturate by 10%, it is **B7863F**.

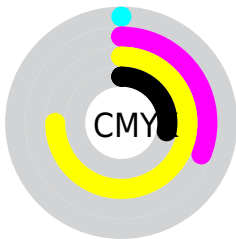
# Distribution



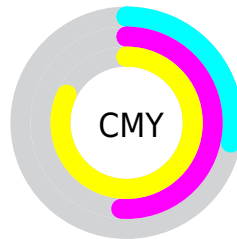
- Red (72%)
- Green (49%)
- Blue (18%)



- Red (56%)
- Yellow (72%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (75%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B77E2D 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 B77E2D by changing the saturation by 10% instead.



 B77E2D

 B77E2D

FFFFFF

 9A6511

 F3B360

 7D4D00

 FFCE7A

 623600

 FFEA95

 462100

 FFFF80

 2C0C00

 FFFFCC

 080000

 FFFF99

 000000

 B77E2D

 B77E2D

 B7761B

 B7863F

 B76F08

 B78D52

 B76B00

 B79564

 B79C76

 B7A489

 B7AB9B

 B7B3AD

 B7BABF

 B7C2D2

# Harmonies

## Analogous

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



D46C4C



B77E2D



8E8E28

# Triad

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



B77E2D



00A09E



A774CC

# Complementary

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



B77E2D



2D66B7

# 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.



5B87E3



B77E2D



009DC8

# Square

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



B77E2D



009E6E



0096E2



D063A4

# Rectangle

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



B77E2D



6D9538



0096E2



937BD6



# Sweetspot

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



B77E2D



EDD7B7



B72D66



786A56



F7F7F7



787878



# Same Dimension

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



B77E2D



ED9518



ACB72D



5C5853



9C5B00



1C1000



# Inverse Universe

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



2D66B7



1870ED



392DB7



53565C



00409C



000C1C



# Previews

## White Background



This preview shows how the Hex color B77E2D 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

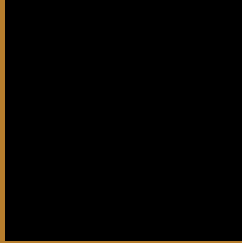
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B77E2D Background



This preview shows how black text looks on a background with the Hex color B77E2D.



This preview shows how white text looks on a background with the Hex color B77E2D.

# 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**  
B77E2D

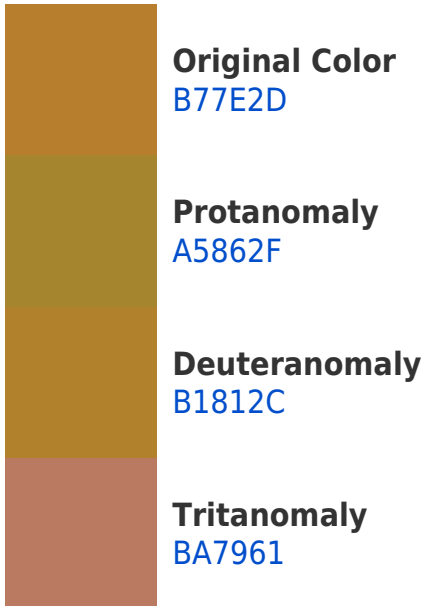
**Protanopia**  
9A8A30

**Deuteranopia**  
AD832B

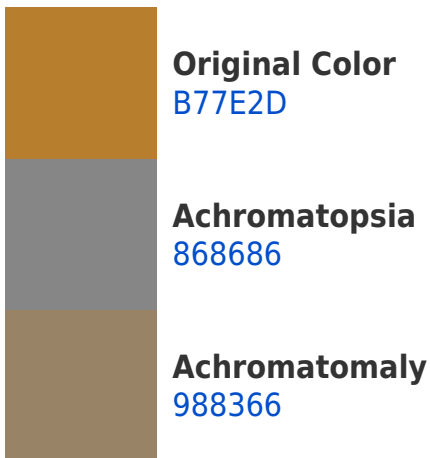


**Tritanopia**  
BC767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B77E2D 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 #B77E2D looks like.

```
.text, #text, p{  
    color:#B77E2D  
}
```

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 #B77E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77E2D
}
```

## Border

The CSS property to change the border of an element to Hex B77E2D 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
#B77E2D }
```

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

```
.border{ border-color:#B77E2D }
```

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

Here you see how a box with a 4 pixel #B77E2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77E2D; -webkit-box-shadow:4px 4px  
4px 4px #B77E2D; box-shadow:4px 4px 4px  
4px #B77E2D }
```

# Background

The CSS property to change the background color of an element to Hex B77E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77E2D }
```

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

```
.background{ background-color:#B77E2D }
```

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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