

# Converting Colors

Hex(B77614)

Have a look what the booklet for  
Hex(B77614) contains.

<b>Hex(B77614)</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(B77614)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B77614
RGB	183, 118, 20
RGB Percent	72%, 46%, 8%
CMY	0.2824, 0.5373, 0.9216
CMYK	0.00, 0.36, 0.89, 0.28
HSL	36°, 80%, 40%
HSV	36°, 89%, 72%
XYZ	26.1331, 23.0747, 3.7383
YIQ	126.2630, 70.1980, -16.6980

# Conversions

## Conversions Part 2

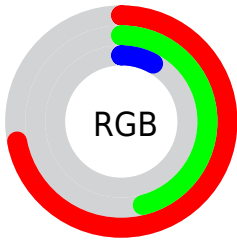
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 183, 20</a>
Decimal	<a href="#">12023316</a>
CIELab	<a href="#">55.15, 18.45, 57.67</a>
CIELCh	<a href="#">55, 60.547, 72.258</a>
Yxy	<a href="#">23.0747, 0.4936, 0.4358</a>
Android (android.graphics.Color)	<a href="#">4290213396</a> ( <a href="#">0xFFB77614</a> )
YUV	<a href="#">126.2630, -52.3877, 49.7583</a>
Hunter-Lab	<a href="#">48.0361, 13.0465, 29.0111</a>

# Details

The Hex color **B77614** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1455B7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F4AA4C**, and **7C4600** is the 20% darker color. If you saturate the color by 10%, you get **B76F02**, and if you desaturate by 10%, it is **B77D26**.

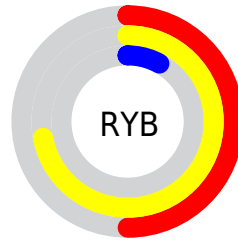
# Distribution



Red (72%)

Green (46%)

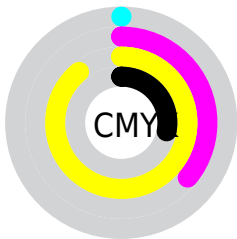
Blue (8%)



Red (50%)

Yellow (72%)

Blue (8%)

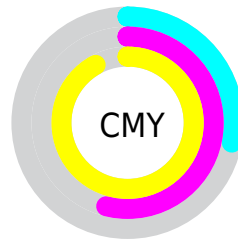


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (54%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B77614 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 B77614 by changing the saturation by 10% instead.



 B77614

 B77614

FFFFFF

 995D00

 F4AA4C

 7C4600

 FFC566

 602F00

 FFE181

 441A00

 FFFE9C

 2B0300

 FFFF88

 000000

 FFFFD4

 FFFFF1

 B77614

 B77614

 B76F02

 B77D26

 B76E00

 B78539

 B78C4B

 B7935D

 B79A70

 B7A282

 B7A994

 B7B0A6

 B7B8B9

# Harmonies

## Analogous

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



D76040



B77614



8A8802

# Triad

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



B77614



009D99



A26CD2

# Complementary

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



B77614



1455B7

# 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.



3983EB



B77614



009ACA

# Square

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



B77614



009B62



0092E8



D256A5

# Rectangle

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



B77614



659120



0092E8



8974DD



# Sweetspot

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



B77614



EDD4AD



B71455



786951



F7F7F7



787878



# Same Dimension

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



B77614



ED8F00



A7B714



5C5853



9C5E00



1C1100



# Inverse Universe

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



1455B7



005FED



2414B7



53565C



003E9C



000B1C



# Previews

## White Background



This preview shows how the Hex color B77614 looks on a white background.

## Color Contrast Check

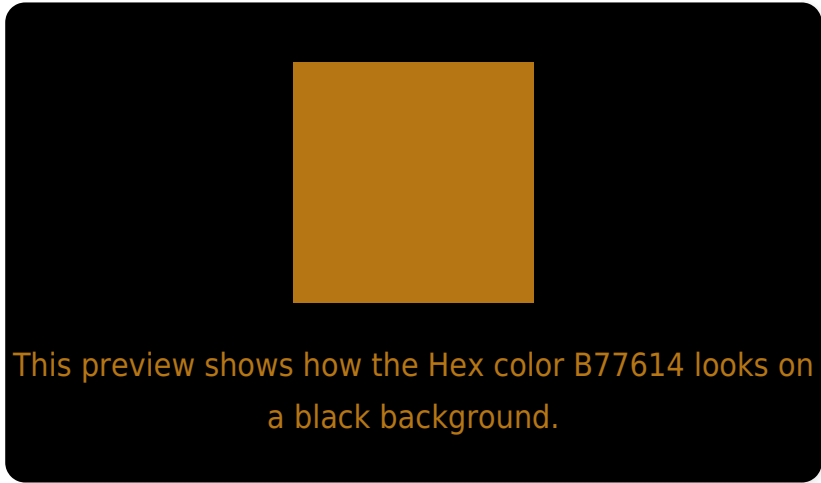
Large Text (above 18pt) WCAG AA ✓ Pass

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 B77614 Background



This preview shows how black text looks on a background with the Hex color B77614.



This preview shows how white text looks on a background with the Hex color B77614.

# 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**  
B77614

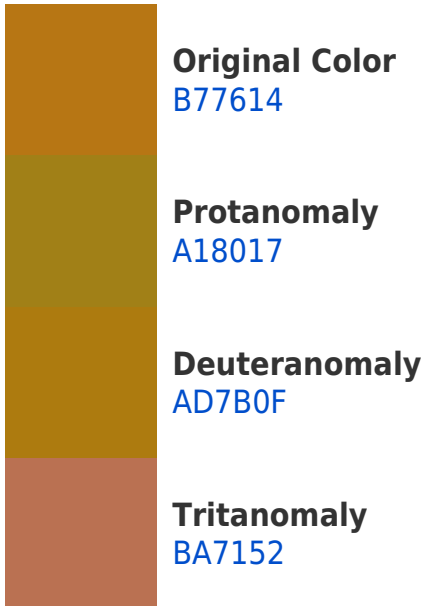
**Protanopia**  
958518

**Deuteranopia**  
A77E0C

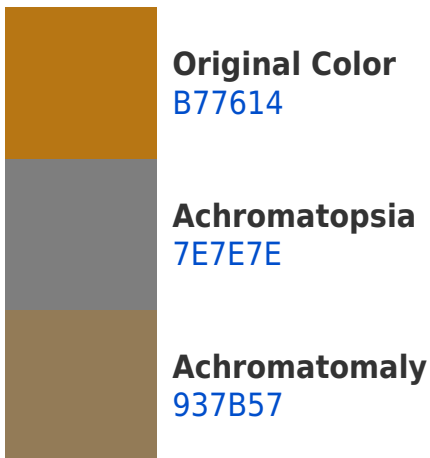


**Tritanopia**  
BC6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B77614 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 #B77614 looks like.

```
.text, #text, p{  
  color:#B77614  
}
```

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 #B77614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77614
}
```

## Border

The CSS property to change the border of an element to Hex B77614 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
#B77614 }
```

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

```
.border{ border-color:#B77614 }
```

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

Here you see how a box with a 4 pixel #B77614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77614; -webkit-box-shadow:4px 4px  
4px 4px #B77614; box-shadow:4px 4px 4px  
4px #B77614 }
```

# Background

The CSS property to change the background color of an element to Hex B77614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77614 }
```

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

```
.background{ background-color:#B77614 }
```

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