

# Converting Colors

Hex(B77642)

Have a look what the booklet for  
Hex(B77642) contains.

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**Color**

**Hex(B77642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B77642
RGB	183, 118, 66
RGB Percent	72%, 46%, 26%
CMY	0.2824, 0.5373, 0.7412
CMYK	0.00, 0.36, 0.64, 0.28
HSL	27°, 47%, 49%
HSV	27°, 64%, 72%
XYZ	26.9902, 23.4175, 8.2517
YIQ	131.5070, 55.4320, -2.3920

# Conversions

## Conversions Part 2

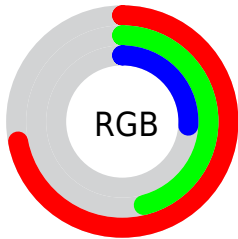
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 160, 66
Decimal	12023362
CIE <sub>Lab</sub>	55.50, 20.46, 38.64
CIE <sub>LCh</sub>	55, 43.719, 62.103
Yxy	23.4175, 0.4601, 0.3992
Android (android.graphics.Color)	4290213442 (0xFFB77642)
YUV	131.5070, -32.2950, 45.1594
Hunter-Lab	48.3916, 14.8723, 23.7640

# Details

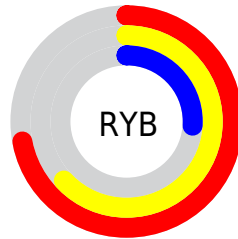
The Hex color **B77642** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4283B7**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F2AA74**, and **7E4513** is the 20% darker color. If you saturate the color by 10%, you get **B76C30**, and if you desaturate by 10%, it is **B78054**.

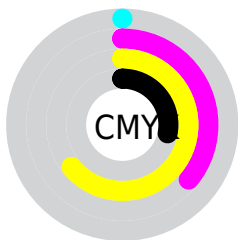
# Distribution



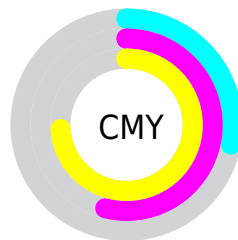
- Red (72%)
- Green (46%)
- Blue (26%)



- Red (72%)
- Yellow (63%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (54%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B77642 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 B77642 by changing the saturation by 10% instead.



 B77642

 B77642

FFFFFF

 9A5D2A

 F2AA74

 7E4513

 FFC68E

 622E00

 FFE2A8

 471900

 FFFFC4

 2D0200

 FFFFEO

 030000

FFFFFFD

 000000

 B77642

 B77642

 B76C30

 B78054

 B7621D

 B78A67

 B7580B

 B79579

 B75100

 B79F8B

 B7A99E

 B7B3B0

 B7BDC2

 B7C7D4

 B7D2E7

# Harmonies

## Analogous

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



C9695F



B77642



988436

# Triad

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



B77642



009886



8B7AC5

# Complementary

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



B77642



4283B7

# 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.



4388D1



B77642



0097AC

# Square

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



B77642



3E9560



0092C7



B66CA9

# Rectangle

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



B77642



7F8B3B



0092C7



777FCB



# Sweetspot

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



B77642



EDD4C0



B74284



78695C



F7F7F7



787878



# Same Dimension

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



B77642



ED8837



B7AF42



5C5753



9C4500



1C0C00



# Inverse Universe

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



4283B7



379CED



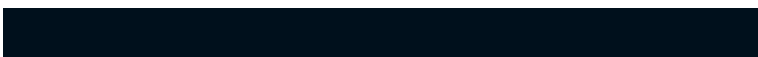
424AB7



53585C



00569C

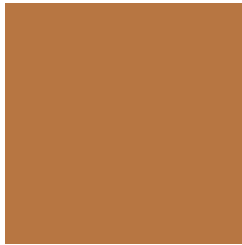


00101C



# Previews

## White Background



This preview shows how the Hex color B77642 looks on a white background.

## Color Contrast Check

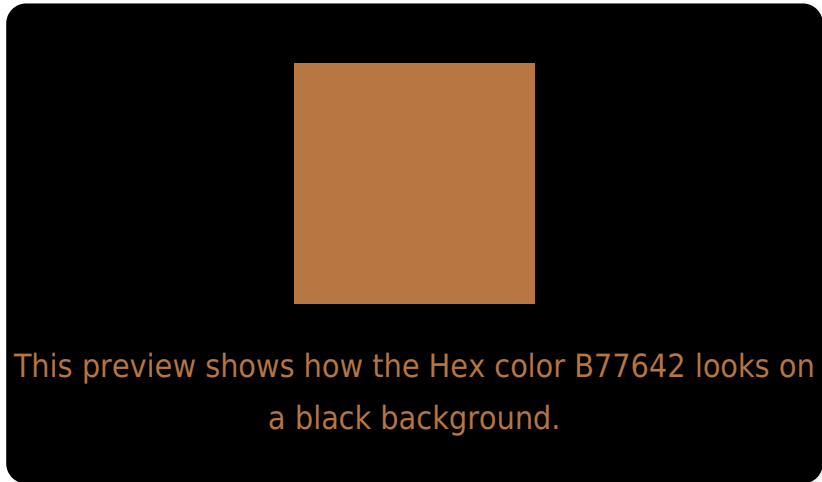
Large Text (above 18pt) WCAG AA ✓ Pass

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

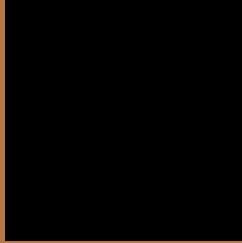
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B77642 Background



This preview shows how black text looks on a background with the Hex color B77642.



This preview shows how white text looks on a background with the Hex color B77642.

# 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](#).

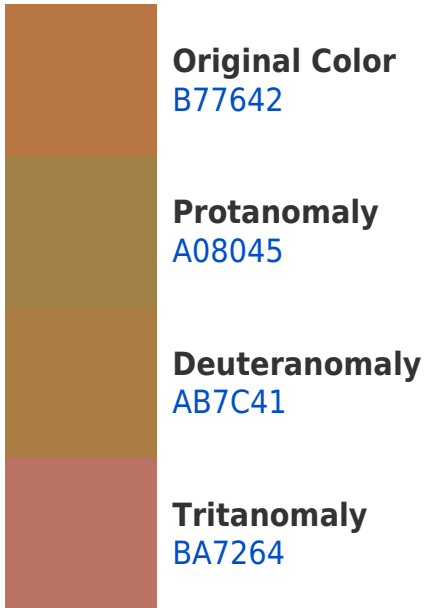
## Dichromacy





**Tritanopia**  
BB7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B77642 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 #B77642 looks like.

```
.text, #text, p{  
    color:#B77642  
}
```

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 #B77642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77642
}
```

## Border

The CSS property to change the border of an element to Hex B77642 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
#B77642 }
```

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

```
.border{ border-color:#B77642 }
```

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

Here you see how a box with a 4 pixel #B77642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77642; -webkit-box-shadow:4px 4px  
4px 4px #B77642; box-shadow:4px 4px 4px  
4px #B77642 }
```

# Background

The CSS property to change the background color of an element to Hex B77642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77642 }
```

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

```
.background{ background-color:#B77642 }
```

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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