

Converting Colors

Hex(B77412)

Have a look what the booklet for
Hex(B77412) contains.

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Color

Hex(B77412)

Conversions

Conversions Part 1

Format	Color
Hex	B77412
RGB	183, 116, 18
RGB Percent	72%, 45%, 7%
CMY	0.2824, 0.5451, 0.9294
CMYK	0.00, 0.37, 0.90, 0.28
HSL	36°, 82%, 39%
HSV	36°, 90%, 72%
XYZ	25.8830, 22.6017, 3.5707
YIQ	124.8610, 71.3900, -16.2740

Conversions

Conversions Part 2

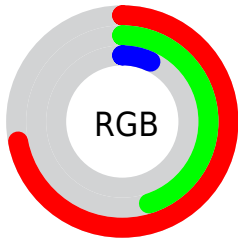
Format	Color
RYB	131, 183, 18
Decimal	12022802
CIELab	54.66, 19.52, 57.81
CIELCh	55, 61.017, 71.343
Yxy	22.6017, 0.4972, 0.4342
Android (android.graphics.Color)	4290212882 (0xFFB77412)
YUV	124.8610, -52.6825, 50.9879
Hunter-Lab	47.5413, 13.9839, 28.8258

Details

The Hex color **B77412** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1255B7**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F4A84A**, and **7C4400** is the 20% darker color. If you saturate the color by 10%, you get **B76D00**, and if you desaturate by 10%, it is **B77B24**.

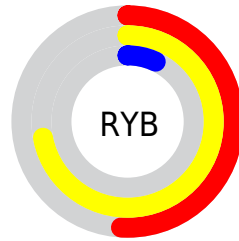
Distribution



Red (72%)

Green (45%)

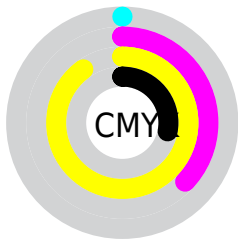
Blue (7%)



Red (51%)

Yellow (72%)

Blue (7%)

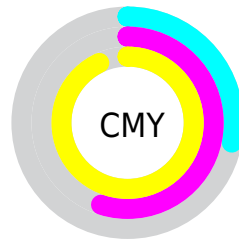


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77412 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 B77412 by changing the saturation by 10% instead.

 B77412

 B77412

FFFFFF

 995B00

 F4A84A

 7C4400

 FFC365

 602D00

 FFDF7F

 441800

 FFFC9A

 2A0100

 FFFFB6

 000000

 FFFF D2

 FFFF EF

 B77412

 B77412

■ B76D00

■ B77B24

■ B78337

■ B78A49

■ B7925B

■ B7996E

■ B7A180

■ B7A892

■ B7AFA4

■ B7B7B7

Harmonies

Analogous

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



D65D3F



B77412



8A8700

Triad

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



B77412



009B96



9E6BD3

Complementary

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



B77412



1255B7

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.



2E82EB



B77412



0099C8

Square

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



B77412



00995F



0092E7



D054A6

Rectangle

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



B77412



658F1B



0092E7



8574DE

Sweetspot

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



B77412



EDD3AD



B71257



786851



F7F7F7



787878

Same Dimension

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



B77412



ED8D00



A9B712



5C5853



9C5C00



1C1100

Inverse Universe

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



1255B7



0060ED



2012B7



53565C



003F9C



000B1C

Previews

White Background



This preview shows how the Hex color B77412 looks on a white background.

Color Contrast Check

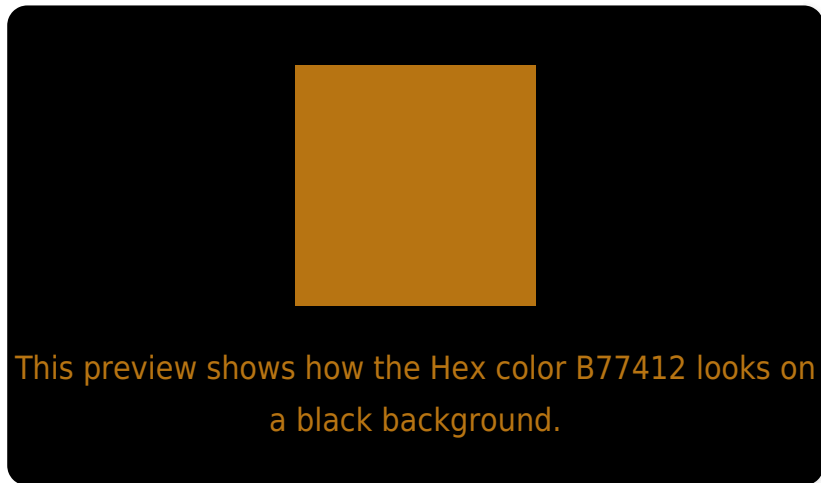
Large Text (above 18pt) WCAG AA ✓ Pass

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 B77412 Background



This preview shows how black text looks on a background with the Hex color B77412.



This preview shows how white text looks on a background with the Hex color B77412.

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
B77412

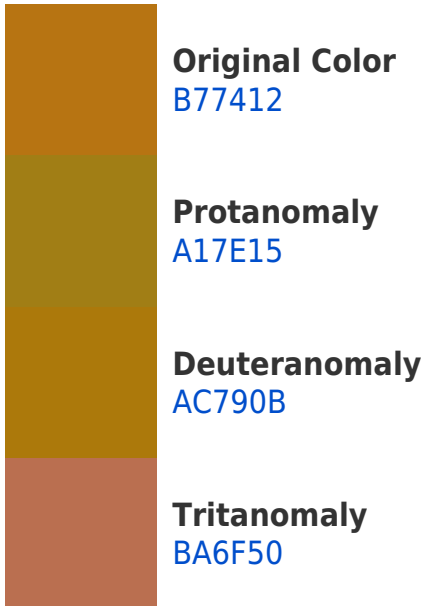
Protanopia
948417

Deuteranopia
A67C07

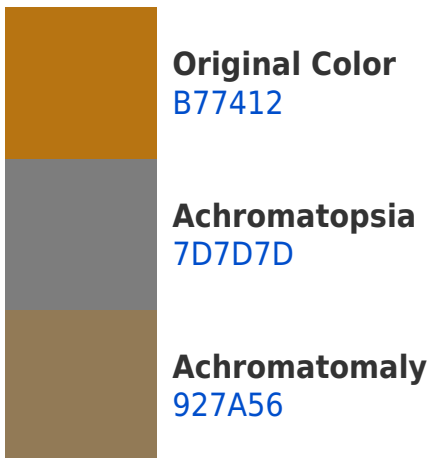


Tritanopia
BC6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B77412 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 #B77412 looks like.

```
.text, #text, p{  
    color:#B77412  
}
```

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 #B77412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77412
}
```

Border

The CSS property to change the border of an element to Hex B77412 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
#B77412 }
```

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

```
.border{ border-color:#B77412 }
```

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

Here you see how a box with a 4 pixel #B77412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77412; -webkit-box-shadow:4px 4px  
4px 4px #B77412; box-shadow:4px 4px 4px  
4px #B77412 }
```

Background

The CSS property to change the background color of an element to Hex B77412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77412 }
```

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

```
.background{ background-color:#B77412 }
```

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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