

Converting Colors

Hex(B0784A)

Have a look what the booklet for
Hex(B0784A) contains.

Hex(B0784A)	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(B0784A)

Conversions

Conversions Part 1

Format	Color
Hex	B0784A
RGB	176, 120, 74
RGB Percent	69%, 47%, 29%
CMY	0.3098, 0.5294, 0.7098
CMYK	0.00, 0.32, 0.58, 0.31
HSL	27°, 41%, 49%
HSV	27°, 58%, 69%
XYZ	25.8570, 23.1575, 9.5856
YIQ	131.5000, 48.1420, -2.4340

Conversions

Conversions Part 2

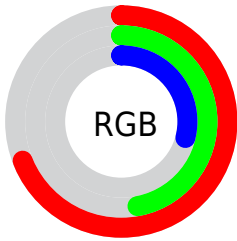
Format	Color
RYB	176, 158, 74
Decimal	11565130
CIELab	55.23, 16.93, 33.85
CIELCh	55, 37.847, 63.419
Yxy	23.1575, 0.4412, 0.3952
Android (android.graphics.Color)	4289755210 (0xFFB0784A)
YUV	131.5000, -28.3475, 39.0265
Hunter-Lab	48.1222, 11.6977, 21.8754

Details

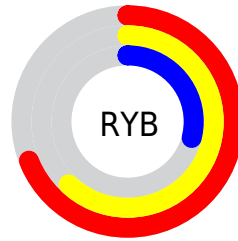
The Hex color **B0784A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4A82B0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EAAC7C**, and **78471C** is the 20% darker color. If you saturate the color by 10%, you get **B06E38**, and if you desaturate by 10%, it is **B0825C**.

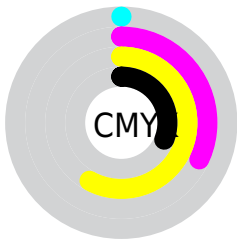
Distribution



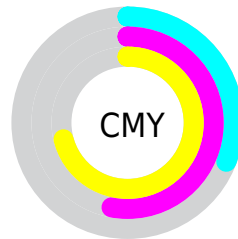
- Red (69%)
- Green (47%)
- Blue (29%)



- Red (69%)
- Yellow (62%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (31%)



- Cyan (31%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0784A 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 B0784A by changing the saturation by 10% instead.

 B0784A

 B0784A

FFFFFF

 945F32

 EAAC7C

 78471C

 FFC896

 5D3104

 FFE4B1

 431B00

 FFFFCC

 290500

 FFFFEE

 000000

 B0784A

 B0784A

 B06E38

 B0825C

 B06527

 B08B6D

 B05B15

 B0957F

 B05104

 B09F90

 B04F00

 B0A8A2

 B0B2B4

 B0BCC5

 B0C5D7

 B0CFE8

Harmonies

Analogous

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



C06D62



B0784A



958441

Triad

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



B0784A



009587



8C7ABB

Complementary

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



B0784A



4A82B0

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.



5686C5



B0784A



0094A7

Square

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



B0784A



499366



008FBE



B06FA2

Rectangle

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



B0784A



7F8A46



008FBE



7C7EC0

Sweetspot

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



B0784A



E6D0BE



B04A82



73665C



F2F2F2



737373

Same Dimension

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



B0784A



E68D45



B0AB4A



595450



994500



1A0C00

Inverse Universe

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



4A82B0



459DE6



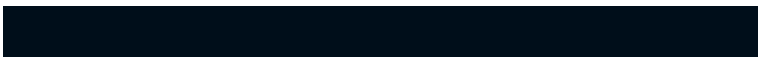
4A4FB0



505559



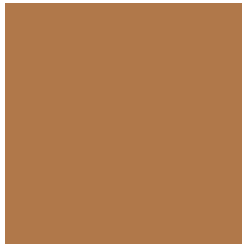
005499



000E1A

Previews

White Background



This preview shows how the Hex color B0784A looks on a white background.

Color Contrast Check

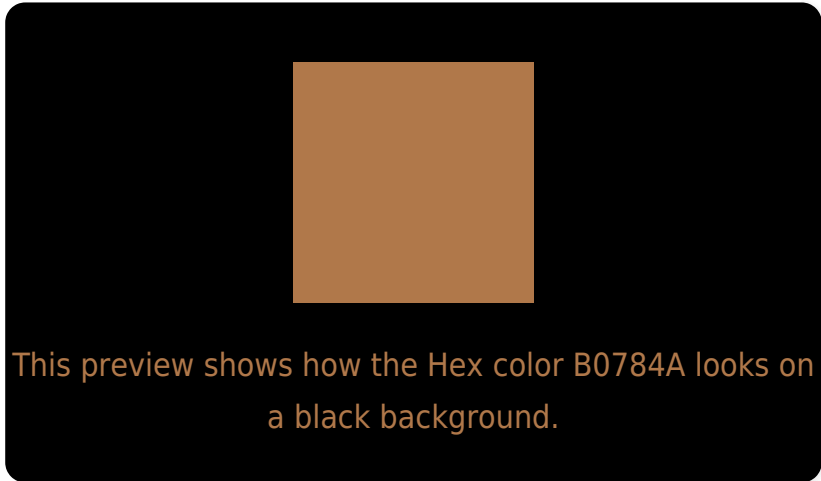
Large Text (above 18pt) WCAG AA ✓ Pass

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

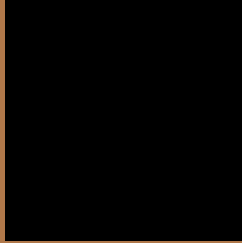
Any Text WCAG AA ✓ Pass

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 B0784A Background



This preview shows how black text looks on a background with the Hex color B0784A.



This preview shows how white text looks on a background with the Hex color B0784A.

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
B0784A

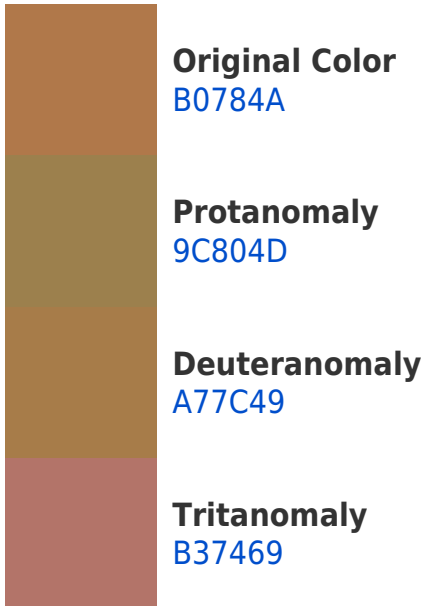
Protanopia
91854F

Deuteranopia
A27E49

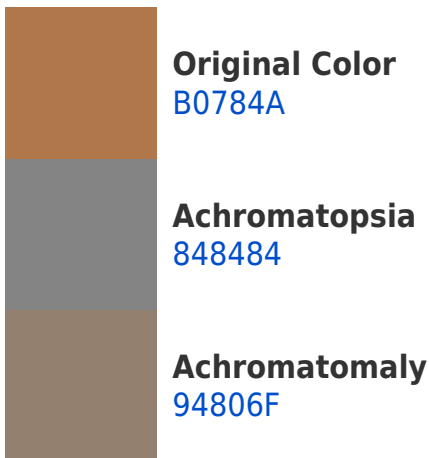


Tritanopia
B4727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0784A 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 #B0784A looks like.

```
.text, #text, p{  
    color:#B0784A  
}
```

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 #B0784A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0784A
}
```

Border

The CSS property to change the border of an element to Hex B0784A 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
#B0784A }
```

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

```
.border{ border-color:#B0784A }
```

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

Here you see how a box with a 4 pixel #B0784A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0784A; -webkit-box-shadow:4px 4px  
4px 4px #B0784A; box-shadow:4px 4px 4px  
4px #B0784A }
```

Background

The CSS property to change the background color of an element to Hex B0784A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0784A }
```

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

```
.background{ background-color:#B0784A }
```

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