

# Converting Colors

Hex(B84B00)

Have a look what the booklet for  
Hex(B84B00) contains.

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**Color**

**Hex(B84B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B84B00
RGB	184, 75, 0
RGB Percent	72%, 29%, 0%
CMY	0.2784, 0.7059, 1.0000
CMYK	0.00, 0.59, 1.00, 0.28
HSL	24°, 100%, 36%
HSV	24°, 100%, 72%
XYZ	22.2832, 15.2225, 1.7638
YIQ	99.0410, 89.0390, -0.2170

# Conversions

## Conversions Part 2

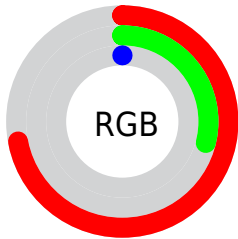
Format	Color
<a href="#">RYB</a>	<a href="#">184, 127, 0</a>
Decimal	<a href="#">12077824</a>
CIELab	<a href="#">45.94, 41.34, 56.18</a>
CIELCh	<a href="#">46, 69.751, 53.658</a>
Yxy	<a href="#">15.2225, 0.5674, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4290267904</a> ( <a href="#">0xFFB84B00</a> )
YUV	<a href="#">99.0410, -48.8272, 74.5090</a>
Hunter-Lab	<a href="#">39.0160, 33.6688, 24.6309</a>

# Details

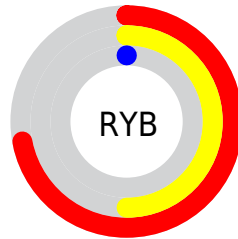
The Hex color **B84B00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **006DB8**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F77F3A**, and **7B1600** is the 20% darker color. If you saturate the color by 10%, you get **B84B00**, and if you desaturate by 10%, it is **B85612**.

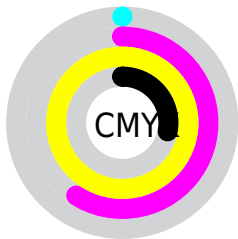
# Distribution



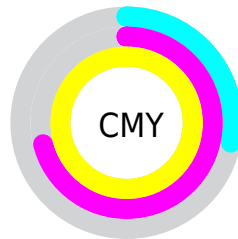
- Red (72%)
- Green (29%)
- Blue (0%)



- Red (72%)
- Yellow (50%)
- Blue (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (100%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84B00 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 B84B00 by changing the saturation by 10% instead.



 B84B00

 B84B00

 FFFFFFF8

 993100

 F77F3A

 7B1600

 FF9A54

 5D0000

 FFB56E

 400000

 FFD288

 250001

 FFEEA3

 000000

 FFFFBF

 FFFFDB

 B84B00

 B85612

 B86125

 B86C37

 B8774A

 B8825C

 B88C6E

 B89781

 B8A293

 B8ADA6

# Harmonies

## Analogous

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



CF2842



B84B00



8F6600

# Triad

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



B84B00



00855E



4663D9

# Complementary

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



B84B00



006DB8

# 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.



0078E2



B84B00



00869A

# Square

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



B84B00



00811E



0083CB



A542B3

# Rectangle

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



B84B00



6C7300



0083CB



006BE0



# Sweetspot

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



B84B00



F0C5A8



B8006E



785E4D



F7F7F7



787878



# Same Dimension

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



B84B00



F06200



B8A600



5C5653



9C3F00



1C0B00



# Inverse Universe

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



006DB8



008EF0



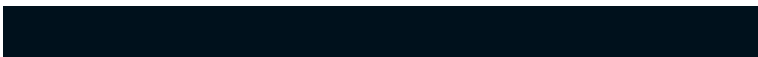
0012B8



53585C



005C9C



00111C



# Previews

## White Background



This preview shows how the Hex color B84B00 looks on a white background.

## Color Contrast Check

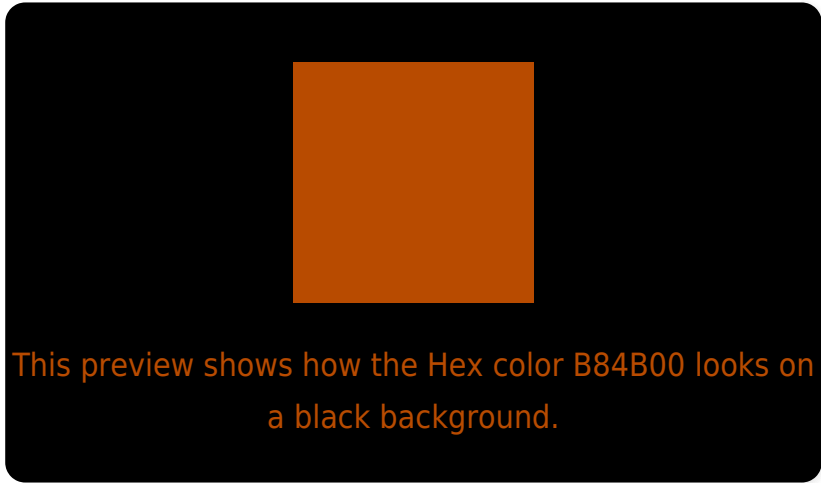
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B84B00 Background



This preview shows how black text looks on a background with the Hex color B84B00.



This preview shows how white text looks on a background with the Hex color B84B00.

# 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**  
B84B00

**Protanopia**  
7B6E12

**Tritanopia**  
BA464A

# Trichromacy



**Original Color**  
B84B00

**Protanomaly**  
91610B

**Tritanomaly**  
B9482F

# Monochromacy



**Original Color**  
B84B00

**Achromatopsia**  
636363

**Achromatomaly**  
825A3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84B00 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 #B84B00 looks like.

```
.text, #text, p{  
    color:#B84B00  
}
```

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 #B84B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84B00
}
```

## Border

The CSS property to change the border of an element to Hex B84B00 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
#B84B00 }
```

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

```
.border{ border-color:#B84B00 }
```

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

Here you see how a box with a 4 pixel #B84B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84B00; -webkit-box-shadow:4px 4px  
4px 4px #B84B00; box-shadow:4px 4px 4px  
4px #B84B00 }
```

# Background

The CSS property to change the background color of an element to Hex B84B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84B00 }
```

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

```
.background{ background-color:#B84B00 }
```

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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