

# Converting Colors

Hex(B84B22)

Have a look what the booklet for  
Hex(B84B22) contains.

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**Color**

**Hex(B84B22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B84B22
RGB	184, 75, 34
RGB Percent	72%, 29%, 13%
CMY	0.2784, 0.7059, 0.8667
CMYK	0.00, 0.59, 0.82, 0.28
HSL	16°, 69%, 43%
HSV	16°, 82%, 72%
XYZ	22.5720, 15.3380, 3.2842
YIQ	102.9170, 78.1250, 10.3570

# Conversions

## Conversions Part 2

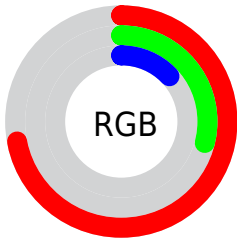
Format	Color
<a href="#">RYB</a>	<a href="#">184, 90, 34</a>
Decimal	<a href="#">12077858</a>
CIELab	<a href="#">46.09, 41.99, 44.80</a>
CIElCh	<a href="#">46, 61.401, 46.857</a>
Yxy	<a href="#">15.3380, 0.5479, 0.3723</a>
Android (android.graphics.Color)	<a href="#">4290267938 (0xFFB84B22)</a>
YUV	<a href="#">102.9170, -33.9761, 71.1098</a>
Hunter-Lab	<a href="#">39.1638, 34.3417, 22.4426</a>

# Details

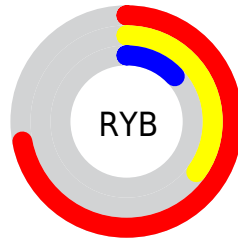
The Hex color **B84B22** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **228FB8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F67F52**, and **7C1500** is the 20% darker color. If you saturate the color by 10%, you get **B83E10**, and if you desaturate by 10%, it is **B85834**.

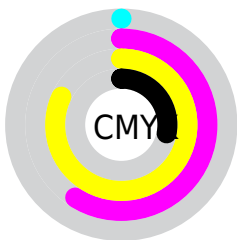
# Distribution



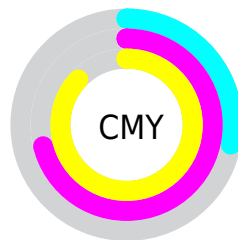
- Red (72%)
- Green (29%)
- Blue (13%)



- Red (72%)
- Yellow (35%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (82%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84B22 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 B84B22 by changing the saturation by 10% instead.



 B84B22

 B84B22

FFFFFF

 9A3109

 F67F52

 7C1500

 FF9A6B

 5E0000

 FFB685

 410000

 FFD29F

 270001

 FFEFB8

 000000

 FFFFFD7

 FFFFF3

 B84B22

 B84B22

 B83E10

 B85834

 B83200

 B86647

 B87359

 B8806C

 B88E7E

 B89B90

 B8A9A3

 B8B6B5

 B8C3C8

# Harmonies

## Analogous

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



C73553



B84B22



976300

# Triad

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



B84B22



008354



2F69D1

# Complementary

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



B84B22



228FB8

# 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.



007AD2



B84B22



00848A

# Square

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



B84B22



257E1E



0082B8



9351B4

# Rectangle

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



B84B22



796F00



0082B8



0070D4



# Sweetspot

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



B84B22



F0C6B6



B82290



785F55



F7F7F7



787878



# Same Dimension

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



B84B22



F04505



B89522



5C5553



9C2B00



1C0800



# Inverse Universe

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



228FB8



05AFF0



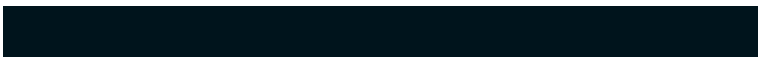
2245B8



53595C



00719C

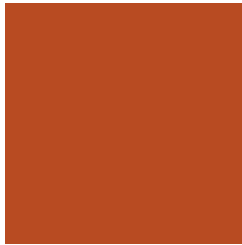


00141C



# Previews

## White Background



This preview shows how the Hex color B84B22 looks on a white background.

## Color Contrast Check

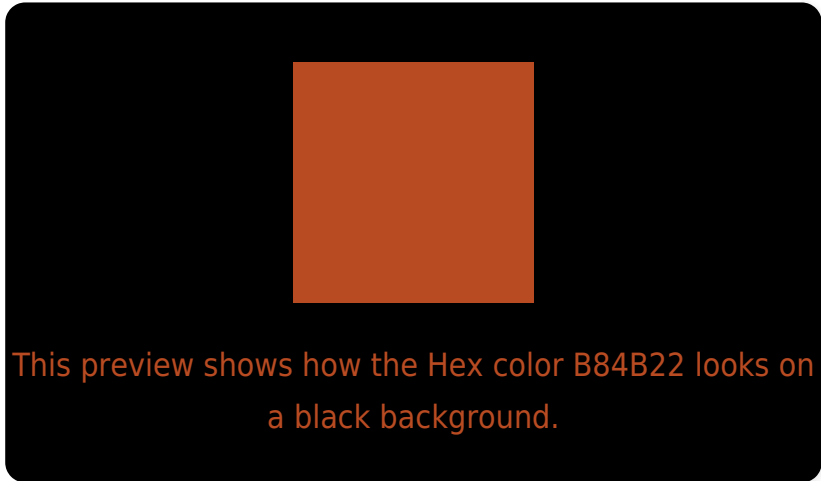
Large Text (above 18pt) WCAG AA ✓ Pass

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 B84B22 Background



This preview shows how black text looks on a background with the Hex color B84B22.



This preview shows how white text looks on a background with the Hex color B84B22.

# 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**  
B84B22

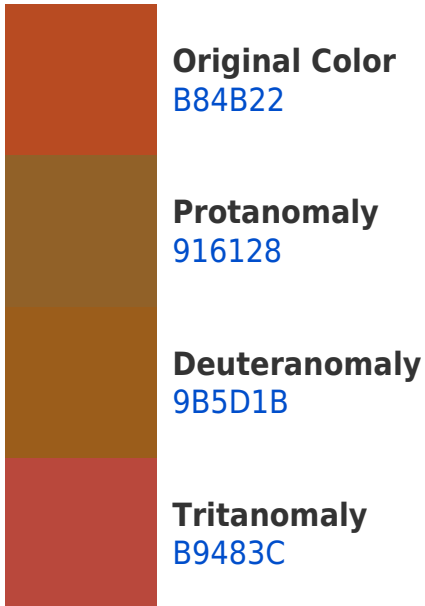
**Protanopia**  
7B6E2B

**Deuteranopia**  
8A6817

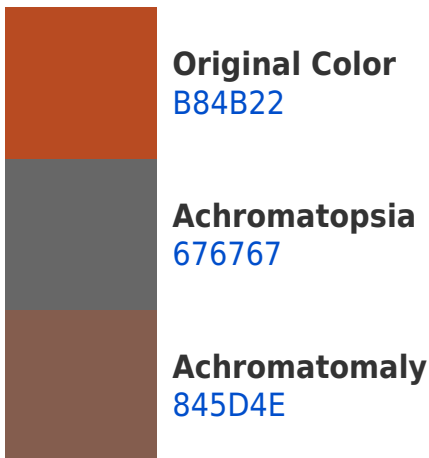


**Tritanopia**  
B9474B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84B22 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 #B84B22 looks like.

```
.text, #text, p{  
    color:#B84B22  
}
```

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 #B84B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84B22 }  
}
```

## Border

The CSS property to change the border of an element to Hex B84B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

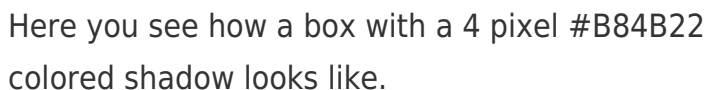
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B84B22 }  
}
```

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

```
.border{ border-color:#B84B22 }
```

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



Here you see how a box with a 4 pixel #B84B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84B22; -webkit-box-shadow:4px 4px  
4px 4px #B84B22; box-shadow:4px 4px 4px  
4px #B84B22 }
```

# Background

The CSS property to change the background color of an element to Hex B84B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84B22 }
```

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

```
.background{ background-color:#B84B22 }
```

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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