

# Converting Colors

Hex(B84819)

Have a look what the booklet for  
Hex(B84819) contains.

|  |    |
|--|----|
| <b>Hex(B84819)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(B84819)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | B84819                    |
| RGB           | 184, 72, 25               |
| RGB Percent   | 72%, 28%, 10%             |
| CMY           | 0.2784, 0.7176, 0.9020    |
| CMYK          | 0.00, 0.61, 0.86, 0.28    |
| HSL           | 18°, 76%, 41%             |
| HSV           | 18°, 86%, 72%             |
| XYZ           | 22.2600, 14.8953, 2.6215  |
| YIQ           | 100.1300, 81.8390, 9.1270 |

# Conversions

## Conversions Part 2

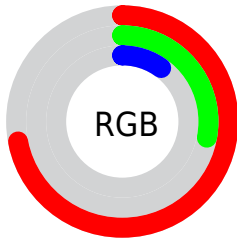
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">184, 92, 25</a>                                  |
| Decimal                             | <a href="#">12077081</a>                                     |
| CIELab                              | <a href="#">45.49, 43.15, 48.27</a>                          |
| CIELCh                              | <a href="#">45, 64.746, 48.200</a>                           |
| Yxy                                 | <a href="#">14.8953, 0.5596, 0.3745</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290267161</a><br>( <a href="#">0xFFB84819</a> ) |
| YUV                                 | <a href="#">100.1300, -37.0391, 73.5540</a>                  |
| Hunter-Lab                          | <a href="#">38.5944, 35.4129, 22.9888</a>                    |

# Details

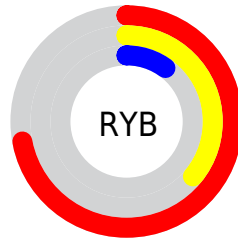
The Hex color **B84819** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1989B8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F67C4A**, and **7B1000** is the 20% darker color. If you saturate the color by 10%, you get **B83B07**, and if you desaturate by 10%, it is **B8552B**.

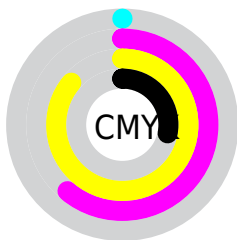
# Distribution



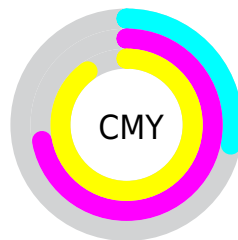
- Red (72%)
- Green (28%)
- Blue (10%)



- Red (72%)
- Yellow (36%)
- Blue (10%)



- Cyan (0%)
- Magenta (61%)
- Yellow (86%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B84819 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 B84819 by changing the saturation by 10% instead.



 B84819

 B84819

FFFFFF

 992E00

 F67C4A

 7B1000

 FF9763

 5D0000

 FFB37C

 410000

 FFCF97

 250001

 FFECB2

 000000

 FFFFCE

 FFFFEA

 B84819

 B84819

 B83B07

 B8552B

 B83600

 B8623E

 B86F50

 B87C63

 B88975

 B89687

 B8A39A

 B8B0AC

 B8BDBF

# Harmonies

## Analogous

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



C92D4E



B84819



946200

# Triad

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



B84819



008254



2B67D4

# Complementary

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



B84819



1989B8

# 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.



0078D6



B84819



00838C

# Square

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



B84819



107D19



0081BC



964CB5

# Rectangle

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



B84819



756E00



0081BC



006ED8



# Sweetspot

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



B84819



F0C4B1



B8198B



785E53



F7F7F7



787878



# Same Dimension

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



B84819



F04700



B89619



5C5553



9C2E00



1C0800



# Inverse Universe

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



1989B8



00A9F0



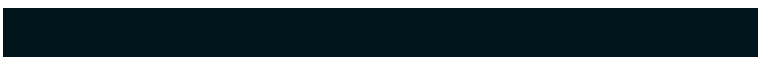
193BB8



53595C



006E9C



00141C



# Previews

## White Background



This preview shows how the Hex color B84819 looks on a white background.

## Color Contrast Check

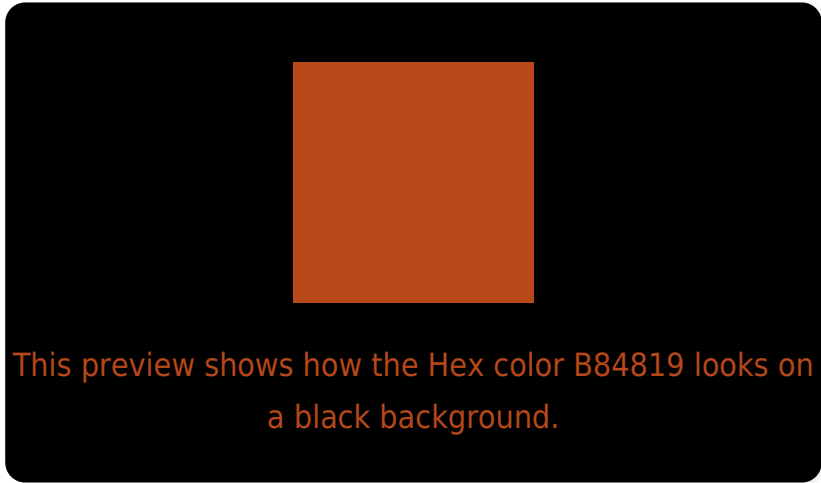
Large Text (above 18pt) WCAG AA ✓ Pass

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 B84819 Background



This preview shows how black text looks on a background with the Hex color B84819.



This preview shows how white text looks on a background with the Hex color B84819.

# 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**  
B84819

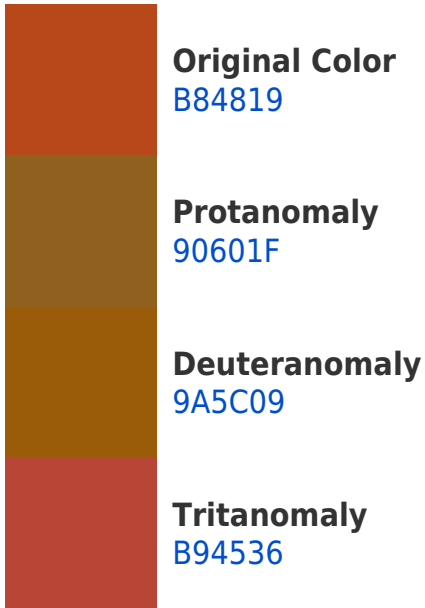
**Protanopia**  
796D22

**Deuteranopia**  
896700

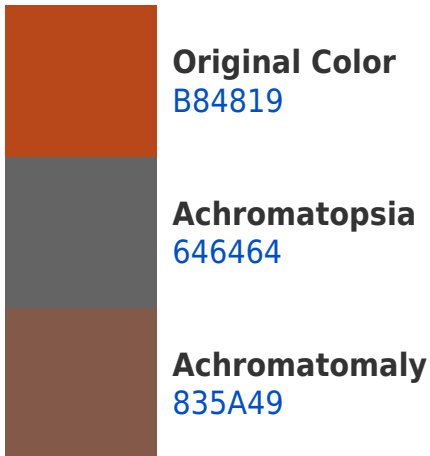


**Tritanopia**  
B94347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B84819 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 #B84819 looks like.

```
.text, #text, p{  
    color:#B84819  
}
```

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 #B84819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84819
}
```

## Border

The CSS property to change the border of an element to Hex B84819 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
#B84819 }
```

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

```
.border{ border-color:#B84819 }
```

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

Here you see how a box with a 4 pixel #B84819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84819; -webkit-box-shadow:4px 4px  
4px 4px #B84819; box-shadow:4px 4px 4px  
4px #B84819 }
```

# Background

The CSS property to change the background color of an element to Hex B84819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84819 }
```

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

```
.background{ background-color:#B84819 }
```

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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