

# Converting Colors

Hex(B54800)

Have a look what the booklet for  
Hex(B54800) contains.

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**Color**

**Hex(B54800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B54800
RGB	181, 72, 0
RGB Percent	71%, 28%, 0%
CMY	0.2902, 0.7176, 1.0000
CMYK	0.00, 0.60, 1.00, 0.29
HSL	24°, 100%, 35%
HSV	24°, 100%, 71%
XYZ	21.3734, 14.4585, 1.6643
YIQ	96.3830, 88.0760, 0.7160

# Conversions

## Conversions Part 2

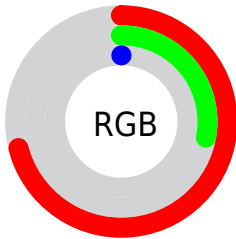
Format	Color
<b>RYB</b>	181, 120, 0
Decimal	11880448
CIELab	44.88, 41.62, 55.34
CIELCh	45, 69.244, 53.050
Yxy	14.4585, 0.5700, 0.3856
Android (android.graphics.Color)	4290070528 (0xFFB54800)
YUV	96.3830, -47.5168, 74.2091
Hunter-Lab	38.0243, 33.7921, 24.0220

# Details

The Hex color **B54800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006DB5**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F47C3A**, and **781200** is the 20% darker color. If you saturate the color by 10%, you get **B54800**, and if you desaturate by 10%, it is **B55312**.

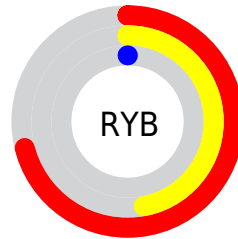
# Distribution



Red (71%)

Green (28%)

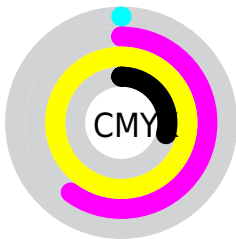
Blue (0%)



Red (71%)

Yellow (47%)

Blue (0%)

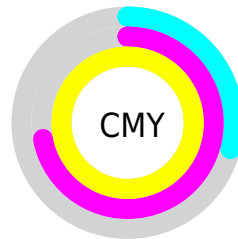


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B54800 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 B54800 by changing the saturation by 10% instead.



 B54800

 B54800

 FFFFF7

 962E00

 F47C3A

 781200

 FF9753

 5A0000

 FFB26D

 3E0000

 FFCE87

 210001

 FFEBA2

 000000

 FFFFBE

 FFFFDA

 B54800

 B55312

 B55E24

 B56936

 B57448

 B57E5B

 B5896D

 B5947F

 B59F91

 B5AAA3

# Harmonies

## Analogous

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



CC2541



B54800



8C6300

# Triad

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



B54800



00825A



3F61D6

# Complementary

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



B54800



006DB5

# 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.



0076DE



B54800



008396

# Square

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



B54800



007E1B



0080C6



A141B1

# Rectangle

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



B54800



6A7000



0080C6



0069DC



# Sweetspot

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



B54800



EBC0A4



B50070



755C4B



F5F5F5



757575



# Same Dimension

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



B54800



EB5D00



B5A000



595450



993D00



1A0A00



# Inverse Universe

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



006DB5



008DEB



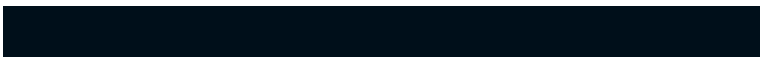
0015B5



505659



005C99



000F1A



# Previews

## White Background



This preview shows how the Hex color B54800 looks on a white background.

## Color Contrast Check

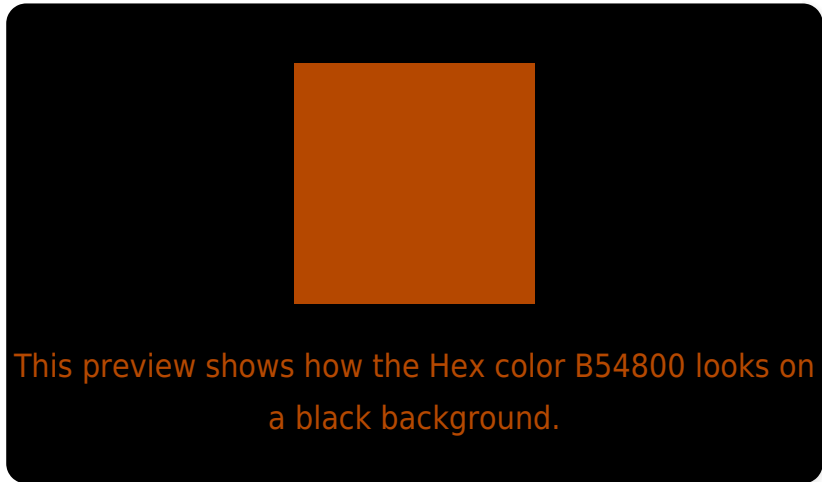
Large Text (above 18pt) WCAG AA ✓ Pass

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 B54800 Background



This preview shows how black text looks on a background with the Hex color B54800.



This preview shows how white text looks on a background with the Hex color B54800.

# 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**  
B54800

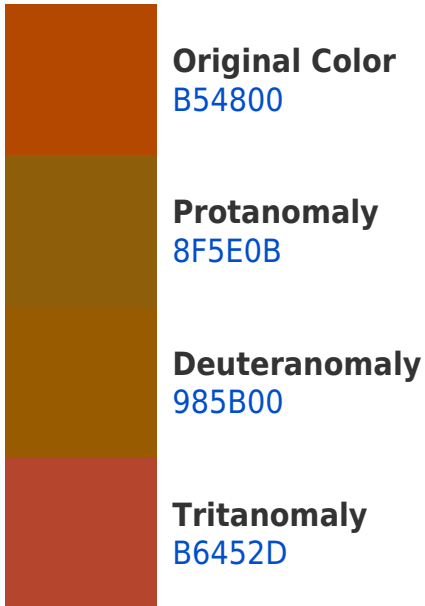
**Protanopia**  
796B12

**Deuteranopia**  
876600

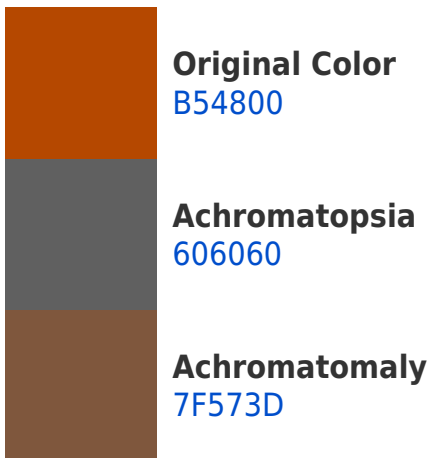


**Tritanopia**  
B74347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B54800 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 #B54800 looks like.

```
.text, #text, p{  
    color:#B54800  
}
```

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 #B54800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54800
}
```

## Border

The CSS property to change the border of an element to Hex B54800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

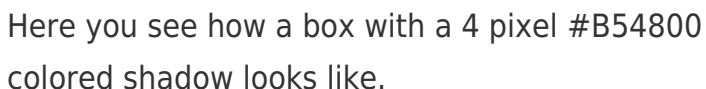
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B54800 }
```

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

```
.border{ border-color:#B54800 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #B54800 colored shadow looks like."

Here you see how a box with a 4 pixel #B54800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54800; -webkit-box-shadow:4px 4px  
4px 4px #B54800; box-shadow:4px 4px 4px  
4px #B54800 }
```

# Background

The CSS property to change the background color of an element to Hex B54800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54800 }
```

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

```
.background{ background-color:#B54800 }
```

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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