

# Converting Colors

Hex(B04411)

Have a look what the booklet for  
Hex(B04411) contains.

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**Color**

**Hex(B04411)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B04411
RGB	176, 68, 17
RGB Percent	69%, 27%, 7%
CMY	0.3098, 0.7333, 0.9333
CMYK	0.00, 0.61, 0.90, 0.31
HSL	19°, 82%, 38%
HSV	19°, 90%, 69%
XYZ	20.0728, 13.4048, 2.0597
YIQ	94.4780, 80.7390, 7.0350

# Conversions

## Conversions Part 2

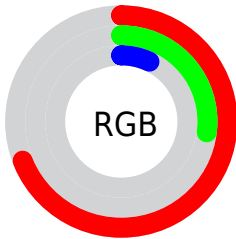
Format	Color
<b>R<sub>YB</sub></b>	176, 92, 17
Decimal	11551761
CIE Lab	43.37, 41.86, 49.07
CIE LCh	43, 64.499, 49.529
Yxy	13.4048, 0.5648, 0.3772
Android (android.graphics.Color)	4289741841 (0xFFB04411)
YUV	94.4780, -38.1967, 71.4948
Hunter-Lab	36.6126, 33.7903, 22.2933

# Details

The Hex color **B04411** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **117DB0**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **EE7843**, and **740C00** is the 20% darker color. If you saturate the color by 10%, you get **B03800**, and if you desaturate by 10%, it is **B05023**.

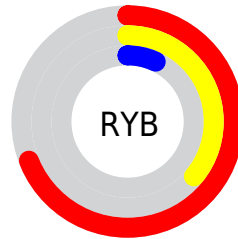
# Distribution



Red (69%)

Green (27%)

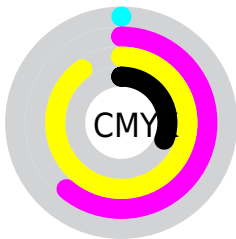
Blue (7%)



Red (69%)

Yellow (36%)

Blue (7%)

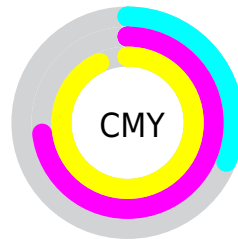


Cyan (0%)

Magenta (61%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (73%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B04411 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 B04411 by changing the saturation by 10% instead.



 B04411

 B04411

FFFFFF

 922A00

 EE7843

 740C00

 FF935C

 560000

 FFAE75

 3A0000

 FFCA90

 1A0001

 FFE7AB

 000000

 FFFFC6

 FFFF3

 B04411

 B04411

 B03800

 B05023

 B05C34

 B06846

 B07457

 B08069

 B08C7B

 B0988C

 B0A49E

 B0B0AF

# Harmonies

## Analogous

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



C22746



B04411



8C5D00

# Triad

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



B04411



007C51



2C61CC

# Complementary

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



B04411



117DB0

# 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.



0073D1



B04411



007E89

# Square

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



B04411



007816



007BB7



9245AD

# Rectangle

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



B04411



6D6A00



007BB7



0068D1



# Sweetspot

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



B04411



E6BBA8



B0117E



735A4E



F2F2F2



737373



# Same Dimension

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



B04411



E64A00



B09311



595350



993100



1A0800



# Inverse Universe

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



117DB0



009CE6



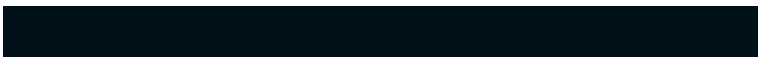
112EB0



505659



006899



00111A



# Previews

## White Background



This preview shows how the Hex color B04411 looks on a white background.

## Color Contrast Check

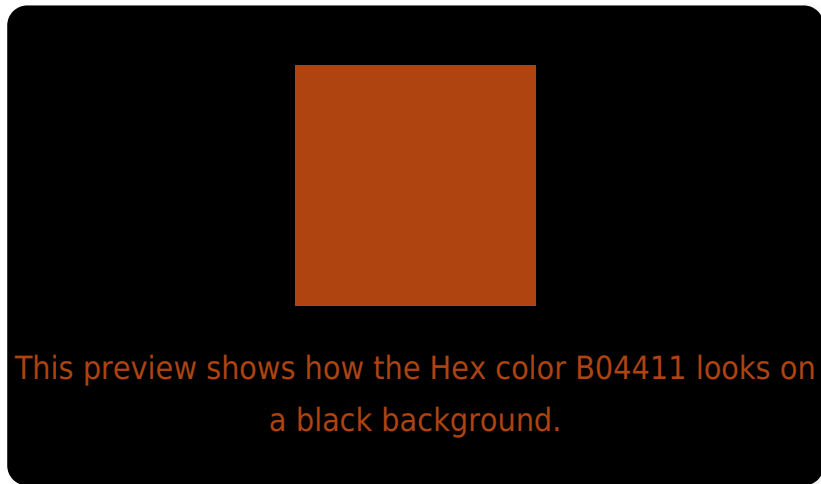
Large Text (above 18pt) WCAG AA ✓ Pass

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 B04411 Background



This preview shows how black text looks on a background with the Hex color B04411.



This preview shows how white text looks on a background with the Hex color B04411.

# 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**  
B04411

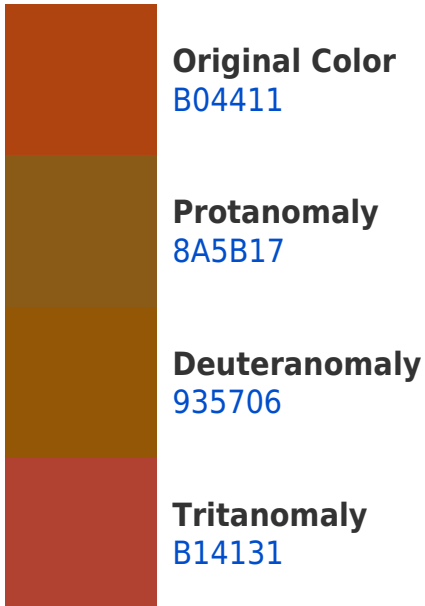
**Protanopia**  
74681A

**Deuteranopia**  
826200

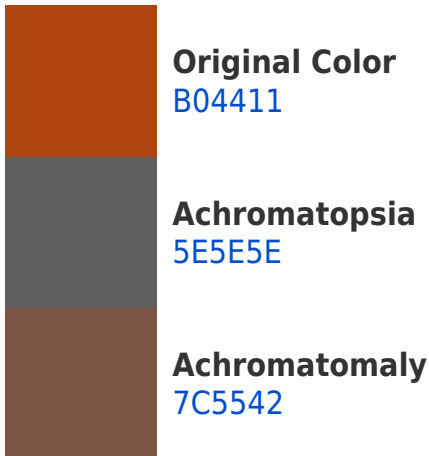


**Tritanopia**  
B14043

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B04411 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 #B04411 looks like.

```
.text, #text, p{  
    color:#B04411  
}
```

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 #B04411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04411
}
```

## Border

The CSS property to change the border of an element to Hex B04411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

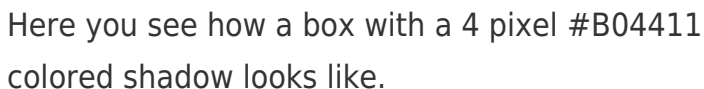
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04411 }
```

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

```
.border{ border-color:#B04411 }
```

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. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B04411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04411; -webkit-box-shadow:4px 4px  
4px 4px #B04411; box-shadow:4px 4px 4px  
4px #B04411 }
```

# Background

The CSS property to change the background color of an element to Hex B04411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04411 }
```

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

```
.background{ background-color:#B04411 }
```

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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