

# Converting Colors

Hex(B48536)

Have a look what the booklet for  
Hex(B48536) contains.

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**Color**

**Hex(B48536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B48536
RGB	180, 133, 54
RGB Percent	71%, 52%, 21%
CMY	0.2941, 0.4784, 0.7882
CMYK	0.00, 0.26, 0.70, 0.29
HSL	38°, 54%, 46%
HSV	38°, 70%, 71%
XYZ	27.8758, 26.7447, 7.1831
YIQ	138.0470, 53.3710, -14.6050

# Conversions

## Conversions Part 2

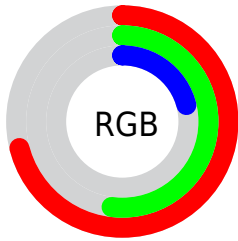
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">129, 180, 54</a>
<a href="#">Decimal</a>	<a href="#">11830582</a>
<a href="#">CIELab</a>	<a href="#">58.74, 10.06, 48.04</a>
<a href="#">CIELCh</a>	<a href="#">59, 49.086, 78.178</a>
<a href="#">Yxy</a>	<a href="#">26.7447, 0.4510, 0.4327</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290020662 (0xFFB48536)</a>
<a href="#">YUV</a>	<a href="#">138.0470, -41.4352, 36.7928</a>
<a href="#">Hunter-Lab</a>	<a href="#">51.7153, 5.7140, 27.9655</a>

# Details

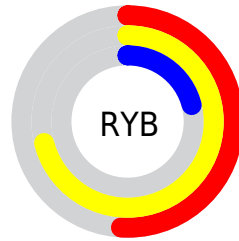
The Hex color **B48536** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3665B4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EFBA69**, and **7B5400** is the 20% darker color. If you saturate the color by 10%, you get **B47E24**, and if you desaturate by 10%, it is **B48C48**.

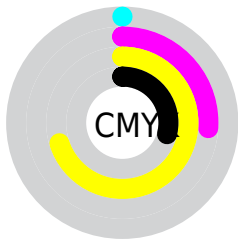
# Distribution



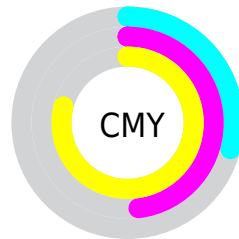
- Red (71%)
- Green (52%)
- Blue (21%)



- Red (51%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (26%)
- Yellow (70%)
- Black (29%)



- Cyan (29%)
- Magenta (48%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B48536 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 B48536 by changing the saturation by 10% instead.



 B48536

 B48536

FFFFFF

 976C1C

 EFBA69

 7B5400

 FFD683

 603D00

 FFF29E

 452700

 FFFFB9

 2B1300

 FFFF D5

 0C0000

 FFFFF2

 000000

 B48536

 B48536

 B47E24

 B48C48

 B47812

 B4925A

 B47100

 B4996C

 B4A07E

 B4A790

 B4ADA2

 B4B4B4

 B4BBC6

 B4C1D8

# Harmonies

## Analogous

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



D1754F



B48536



8C9337

# Triad

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



B48536



00A3A7



B177C7

# Complementary

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



B48536



3665B4

# 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.



7289DF



B48536



009FCC

# Square

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



B48536



00A27A



0097E1



D46AA0

# Rectangle

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



B48536



6C9A46



0097E1



A07DD1



# Sweetspot

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



B48536



EBD8B9



B43666



756A58



F5F5F5



757575



# Same Dimension

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



B48536



EBA126



A5B436



595650



996000



1A1000



# Inverse Universe

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



3665B4



266FEB



4536B4



505459



003999



000A1A



# Previews

## White Background



This preview shows how the Hex color B48536 looks on a white background.

## Color Contrast Check

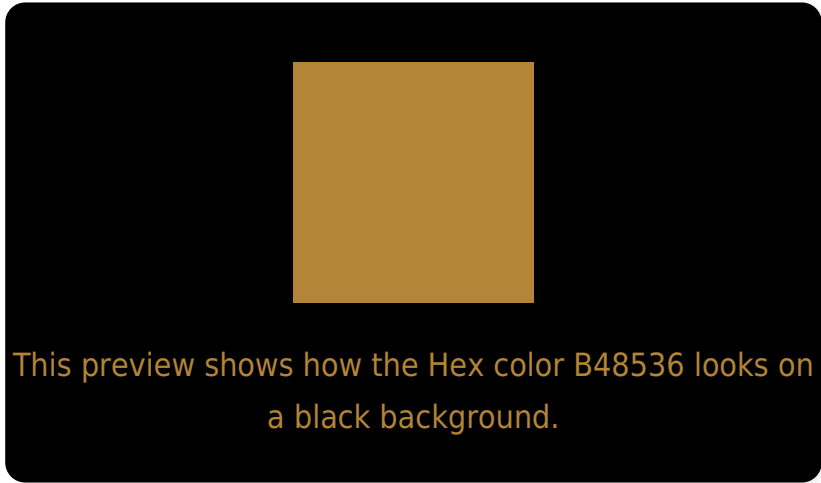
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B48536 Background



This preview shows how black text looks on a background with the Hex color B48536.



This preview shows how white text looks on a background with the Hex color B48536.

# 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**  
B48536

**Protanopia**  
9E8E39

**Deuteranopia**  
B08736

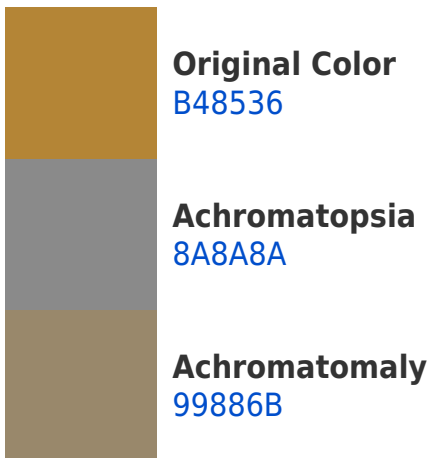


**Tritanopia**  
BA7D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B48536 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 #B48536 looks like.

```
.text, #text, p{  
    color:#B48536  
}
```

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 #B48536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B48536
}
```

## Border

The CSS property to change the border of an element to Hex B48536 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
#B48536 }
```

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

```
.border{ border-color:#B48536 }
```

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

Here you see how a box with a 4 pixel #B48536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B48536; -webkit-box-shadow:4px 4px  
4px 4px #B48536; box-shadow:4px 4px 4px  
4px #B48536 }
```

# Background

The CSS property to change the background color of an element to Hex B48536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B48536 }
```

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

```
.background{ background-color:#B48536 }
```

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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