

# Converting Colors

Hex(B47535)

Have a look what the booklet for  
Hex(B47535) contains.

<b>Hex(B47535)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B47535)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47535
RGB	180, 117, 53
RGB Percent	71%, 46%, 21%
CMY	0.2941, 0.5412, 0.7922
CMYK	0.00, 0.35, 0.71, 0.29
HSL	30°, 55%, 46%
HSV	30°, 71%, 71%
XYZ	25.8263, 22.6829, 6.3852
YIQ	128.5410, 58.0920, -6.5480

# Conversions

## Conversions Part 2

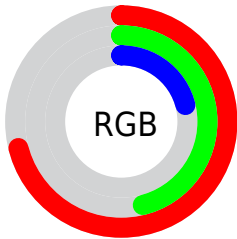
Format	Color
R <sub>Y</sub> B	178, 180, 53
Decimal	11826485
CIE Lab	54.74, 18.92, 44.27
CIE LCh	55, 48.143, 66.861
Yxy	22.6829, 0.4705, 0.4132
Android (android.graphics.Color)	4290016565 (0xFFB47535)
YUV	128.5410, -37.2417, 45.1295
Hunter-Lab	47.6266, 13.4480, 25.3897

# Details

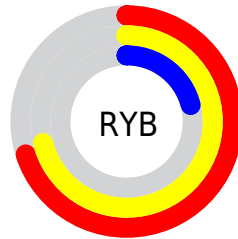
The Hex color **B47535** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3574B4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F0A967**, and **7B4401** is the 20% darker color. If you saturate the color by 10%, you get **B46C23**, and if you desaturate by 10%, it is **B47E47**.

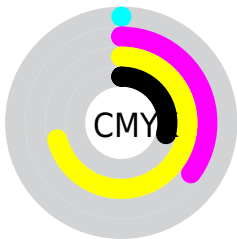
# Distribution



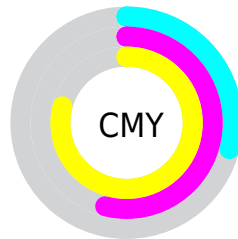
- Red (71%)
- Green (46%)
- Blue (21%)



- Red (70%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47535 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 B47535 by changing the saturation by 10% instead.



 B47535

 B47535

FFFFFF

 975C1C

 F0A967

 7B4401

 FFC580

 5F2E00

 FFE19B

 431800

 FFFDB6

 2A0200

 FFFFD2

 000000

 FFFFEF

 B47535

 B47535

 B46C23

 B47E47

 B46311

 B48759

 B45B00

 B4906B

 B4997D

 B4A28F

 B4ABA1

 B4B4B3

 B4BCC5

 B4C5D7

# Harmonies

## Analogous

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



CB6653



B47535



91842B

# Triad

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



B47535



00988C



9274C6

# Complementary

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



B47535



3574B4

# 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.



4484D6



B47535



0096B4

# Square

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



B47535



1F9561



0090CF



BD64A5

# Rectangle

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



B47535



758C34



0090CF



7D7ACD



# Sweetspot

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



B47535



EBD2B9



B43575



756758



F5F5F5



757575



# Same Dimension

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



B47535



EB8823



B4B435



595550



994D00



1A0D00



# Inverse Universe

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



3574B4



2386EB



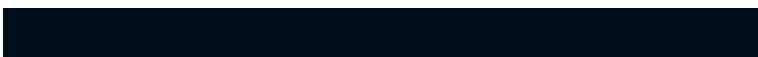
3535B4



505559



004C99

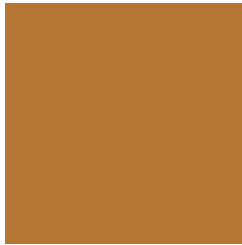


000D1A



# Previews

## White Background



This preview shows how the Hex color B47535 looks on a white background.

## Color Contrast Check

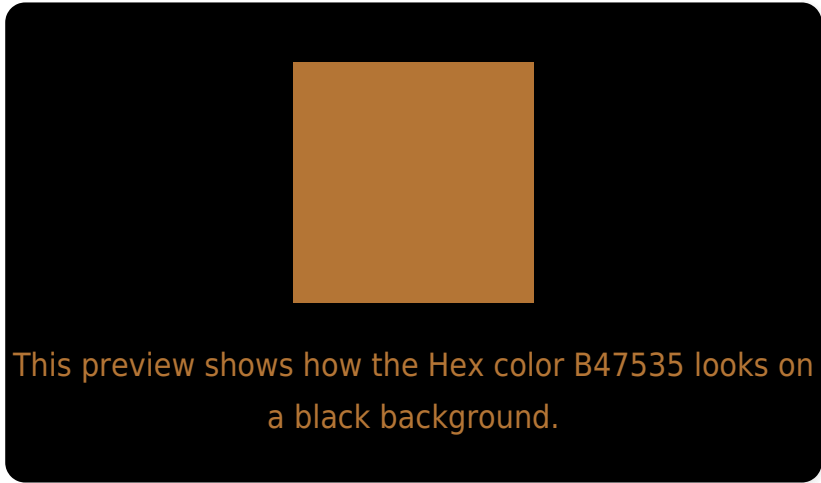
Large Text (above 18pt) WCAG AA ✓ Pass

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

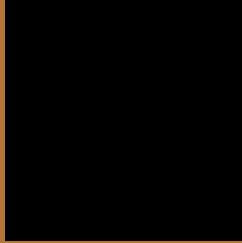
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47535 Background



This preview shows how black text looks on a background with the Hex color B47535.



This preview shows how white text looks on a background with the Hex color B47535.

# 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**  
B47535

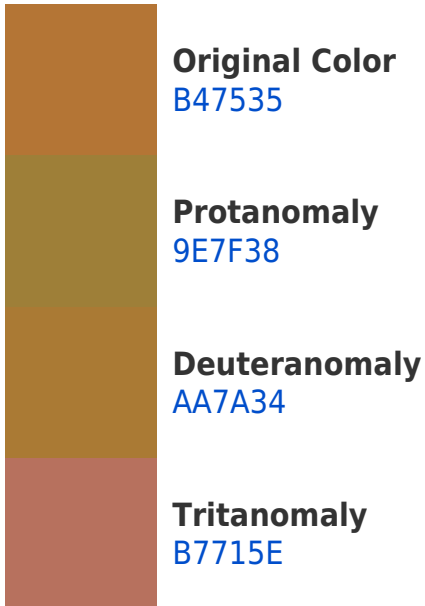
**Protanopia**  
928439

**Deuteranopia**  
A47D33

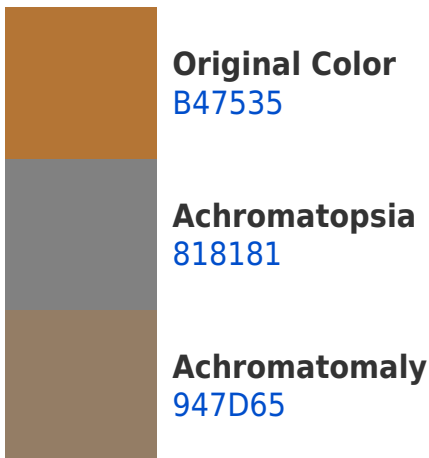


**Tritanopia**  
B86E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47535 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 #B47535 looks like.

```
.text, #text, p{  
    color:#B47535  
}
```

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 #B47535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47535
}
```

## Border

The CSS property to change the border of an element to Hex B47535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

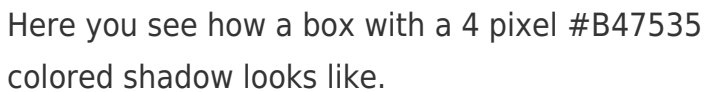
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47535 }
```

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

```
.border{ border-color:#B47535 }
```

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 #B47535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47535; -webkit-box-shadow:4px 4px  
4px 4px #B47535; box-shadow:4px 4px 4px  
4px #B47535 }
```

# Background

The CSS property to change the background color of an element to Hex B47535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47535 }
```

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

```
.background{ background-color:#B47535 }
```

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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