

# Converting Colors

Hex(B47543)

Have a look what the booklet for  
Hex(B47543) contains.

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**Color**

**Hex(B47543)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47543
RGB	180, 117, 67
RGB Percent	71%, 46%, 26%
CMY	0.2941, 0.5412, 0.7373
CMYK	0.00, 0.35, 0.63, 0.29
HSL	27°, 46%, 48%
HSV	27°, 63%, 71%
XYZ	26.1968, 22.8311, 8.3363
YIQ	130.1370, 53.5980, -2.1940

# Conversions

## Conversions Part 2

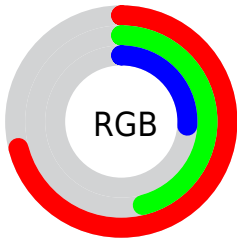
Format	Color
<a href="#">RYB</a>	<a href="#">180, 157, 67</a>
Decimal	<a href="#">11826499</a>
<a href="#">CIELab</a>	<a href="#">54.90, 19.80, 37.31</a>
<a href="#">CIELCh</a>	<a href="#">55, 42.240, 62.051</a>
<a href="#">Yxy</a>	<a href="#">22.8311, 0.4567, 0.3980</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290016579 (0xFFB47543)</a>
<a href="#">YUV</a>	<a href="#">130.1370, -31.1265, 43.7299</a>
<a href="#">Hunter-Lab</a>	<a href="#">47.7819, 14.2456, 23.1033</a>

# Details

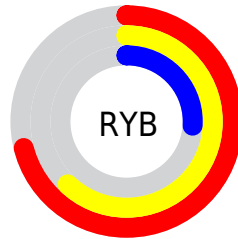
The Hex color **B47543** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4382B4**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **EFA975**, and **7B4414** is the 20% darker color. If you saturate the color by 10%, you get **B46B31**, and if you desaturate by 10%, it is **B47F55**.

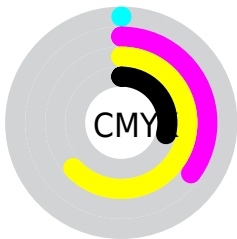
# Distribution



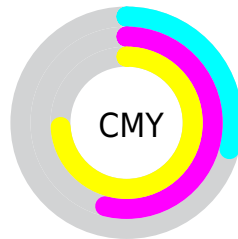
- Red (71%)
- Green (46%)
- Blue (26%)



- Red (71%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (35%)
- Yellow (63%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47543 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 B47543 by changing the saturation by 10% instead.



 B47543

 B47543

FFFFFF

 975C2B

 EFA975

 7B4414

 FFC58F

 602E00

 FFE1A9

 451800

 FFFDC5

 2B0100

 FFFFEE

 000000

FFFFFFE

 B47543

 B47543

 B46B31

 B47F55

 B4611F

 B48967

 B4570D

 B49379

 B45000

 B49D8B

 B4A79D

 B4B1AF

 B4BBC1

 B4C5D3

 B4CFE5

# Harmonies

## Analogous

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



C6695F



B47543



968238

# Triad

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



B47543



009685



8979C1

# Complementary

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



B47543



4382B4

# 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.



4686CC



B47543



0095A9

# Square

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



B47543



409360



0090C3



B36BA6

# Rectangle

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



B47543



7E8A3D



0090C3



767EC7



# Sweetspot

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



B47543



EBD2BE



B44383



75665A



F5F5F5



757575



# Same Dimension

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



B47543



EB893B



B4AC43



595450



994400



1A0B00



# Inverse Universe

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



4382B4



3B9DEB



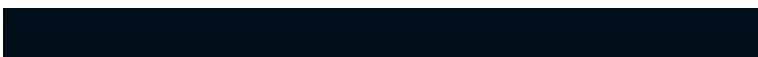
434BB4



505559



005599

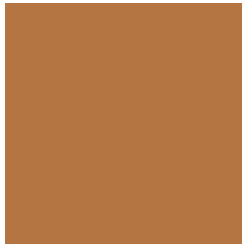


000E1A



# Previews

## White Background



This preview shows how the Hex color B47543 looks on a white background.

## Color Contrast Check

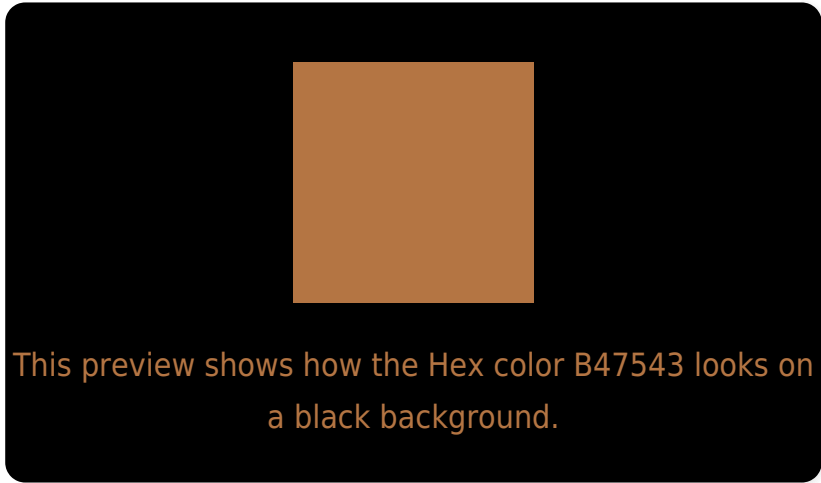
Large Text (above 18pt) WCAG AA ✓ Pass

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

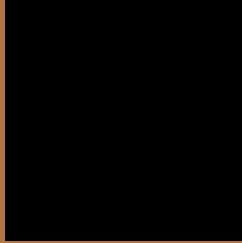
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47543 Background



This preview shows how black text looks on a background with the Hex color B47543.



This preview shows how white text looks on a background with the Hex color B47543.

# 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**  
B47543

**Protanopia**  
918448

**Deuteranopia**  
A27E41



**Tritanopia**  
B86F77

# Trichromacy



**Original Color**  
B47543

**Protanomaly**  
9E7F46

**Deuteranomaly**  
A97B42

**Tritanomaly**  
B77164

# Monochromacy



**Original Color**  
B47543

**Achromatopsia**  
828282

**Achromatomaly**  
947D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47543 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 #B47543 looks like.

```
.text, #text, p{  
    color:#B47543  
}
```

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 #B47543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47543
}
```

## Border

The CSS property to change the border of an element to Hex B47543 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
#B47543 }
```

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

```
.border{ border-color:#B47543 }
```

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

Here you see how a box with a 4 pixel #B47543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47543; -webkit-box-shadow:4px 4px  
4px 4px #B47543; box-shadow:4px 4px 4px  
4px #B47543 }
```

# Background

The CSS property to change the background color of an element to Hex B47543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47543 }
```

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

```
.background{ background-color:#B47543 }
```

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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