

# Converting Colors

Hex(B46538)

Have a look what the booklet for  
Hex(B46538) contains.

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**Color**

**Hex(B46538)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B46538
RGB	180, 101, 56
RGB Percent	71%, 40%, 22%
CMY	0.2941, 0.6039, 0.7804
CMYK	0.00, 0.44, 0.69, 0.29
HSL	22°, 53%, 46%
HSV	22°, 69%, 71%
XYZ	24.1899, 19.2962, 6.1910
YIQ	119.4910, 61.5290, 2.7530

# Conversions

## Conversions Part 2

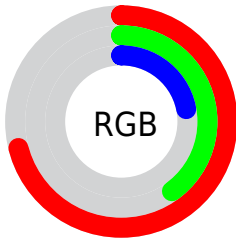
Format	Color
<a href="#">RYB</a>	<a href="#">180, 127, 56</a>
Decimal	<a href="#">11822392</a>
CIELab	<a href="#">51.03, 27.93, 38.67</a>
CIELCh	<a href="#">51, 47.698, 54.158</a>
Yxy	<a href="#">19.2962, 0.4869, 0.3884</a>
Android (android.graphics.Color)	<a href="#">4290012472 (0xFFB46538)</a>
YUV	<a href="#">119.4910, -31.3011, 53.0664</a>
Hunter-Lab	<a href="#">43.9274, 21.4231, 22.3931</a>

# Details

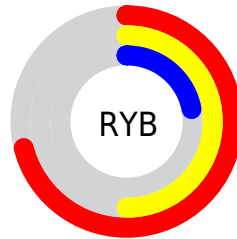
The Hex color **B46538** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3887B4**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F09969**, and **7A3509** is the 20% darker color. If you saturate the color by 10%, you get **B45A26**, and if you desaturate by 10%, it is **B4704A**.

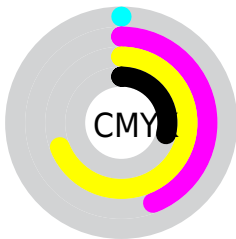
# Distribution



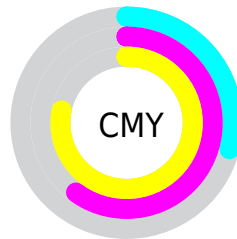
- Red (71%)
- Green (40%)
- Blue (22%)



- Red (71%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (60%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B46538 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 B46538 by changing the saturation by 10% instead.



 B46538

 B46538

FFFFFF

 974C21

 F09969

 7A3509

 FFB482

 5E1D00

 FFD09D

 420500

 FFECB8

 2B0001

 FFFFD4

 000000

 FFFFF0

 B46538

 B46538

 B45A26

 B4704A

 B44E14

 B47C5C

 B44302

 B4876E

 B44100

 B49380

 B49E92

 B4AAA4

 B4B5B6

 B4C1C8

 B4CCDA

# Harmonies

## Analogous

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



C3575B



B46538



967523

# Triad

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



B46538



008D70



6D72C4

# Complementary

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



B46538



3887B4

# 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.



0080CA



B46538



008D9A

# Square

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



B46538



3B8948



0089BB



A461AA

# Rectangle

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



B46538



7D7D24



0089BB



5277C9



# Sweetspot

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



B46538



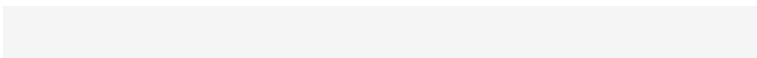
EBCBB9



B43889



756358



F5F5F5



757575



# Same Dimension

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



B46538



EB6F28



B4A138



595450



993800



1A0900



# Inverse Universe

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



3887B4



28A4EB



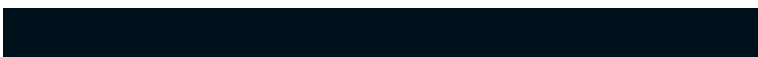
384BB4



505659



006199

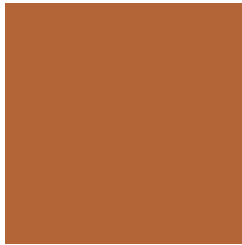


00101A



# Previews

## White Background



This preview shows how the Hex color B46538 looks on a white background.

## Color Contrast Check

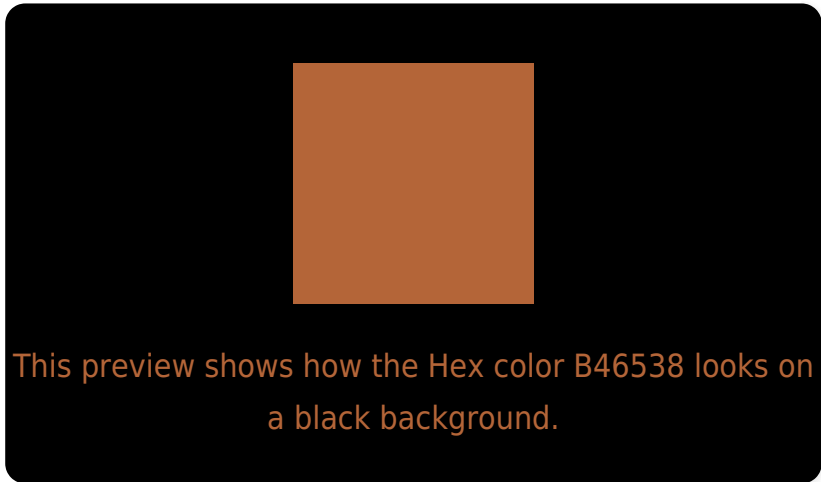
Large Text (above 18pt) WCAG AA ✓ Pass

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

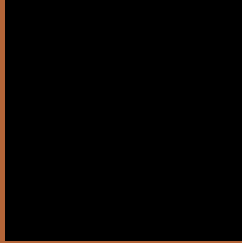
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B46538 Background



This preview shows how black text looks on a background with the Hex color B46538.

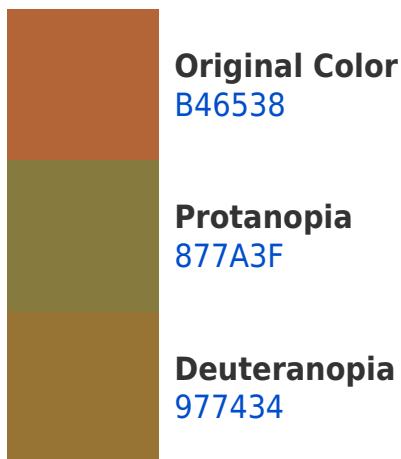


This preview shows how white text looks on a background with the Hex color B46538.

# 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





**Tritanopia**  
B76066

# Trichromacy



**Original Color**  
B46538

**Protanomaly**  
97723C

**Deuteranomaly**  
A26F35

**Tritanomaly**  
B66255

# Monochromacy



**Original Color**  
B46538

**Achromatopsia**  
777777

**Achromatomaly**  
8D7060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B46538 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 #B46538 looks like.

```
.text, #text, p{  
    color:#B46538  
}
```

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 #B46538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46538
}
```

## Border

The CSS property to change the border of an element to Hex B46538 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
#B46538 }
```

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

```
.border{ border-color:#B46538 }
```

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

Here you see how a box with a 4 pixel #B46538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46538; -webkit-box-shadow:4px 4px  
4px 4px #B46538; box-shadow:4px 4px 4px  
4px #B46538 }
```

# Background

The CSS property to change the background color of an element to Hex B46538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46538 }
```

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

```
.background{ background-color:#B46538 }
```

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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