

# Converting Colors

Hex(B5600B)

Have a look what the booklet for  
Hex(B5600B) contains.

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**Color**

**Hex(B5600B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5600B
RGB	181, 96, 11
RGB Percent	71%, 38%, 4%
CMY	0.2902, 0.6235, 0.9569
CMYK	0.00, 0.47, 0.94, 0.29
HSL	30°, 89%, 38%
HSV	30°, 94%, 71%
XYZ	23.2993, 18.2137, 2.6042
YIQ	111.7250, 77.9450, -8.4150

# Conversions

## Conversions Part 2

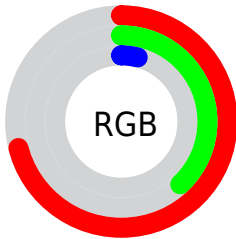
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 181, 11
Decimal	11886603
CIELab	49.75, 29.50, 55.75
CIELCh	50, 63.070, 62.113
Yxy	18.2137, 0.5281, 0.4128
Android (android.graphics.Color)	4290076683 (0xFFB5600B)
YUV	111.7250, -49.6574, 60.7542
Hunter-Lab	42.6775, 22.7647, 26.2563

# Details

The Hex color **B5600B** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0B60B5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F39343**, and **793000** is the 20% darker color. If you saturate the color by 10%, you get **B55B00**, and if you desaturate by 10%, it is **B5691D**.

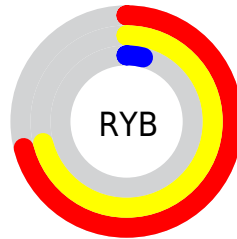
# Distribution



Red (71%)

Green (38%)

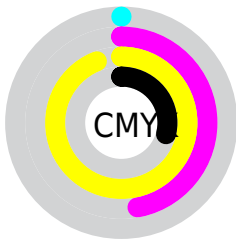
Blue (4%)



Red (71%)

Yellow (71%)

Blue (4%)

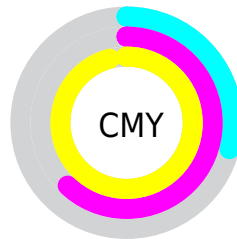


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5600B 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 B5600B by changing the saturation by 10% instead.



 B5600B

 B5600B

FFFFFF

 974800

 F39343

 793000

 FFAE5D

 5C1800

 FFCA77

 400000

 FFE692

 290001

 FFFFAD

 000000

 FFFF C9

 FFFF E6

 B5600B

 B5600B

 B55B00

 B5691D

 B5722F

 B57B41

 B58453

 B58D66

 B59678

 B59F8A

 B5A89C

 B5B1AE

# Harmonies

## Analogous

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



CF4741



B5600B



8B7500

# Triad

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



B5600B



008E79



7966D2

# Complementary

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



B5600B



0B60B5

# 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.



007CE2



B5600B



008EAE

# Square

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



B5600B



008B41



0089D5



B94BA9

# Rectangle

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



B5600B



697F00



0089D5



556EDA



# Sweetspot

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



B5600B



EBCAA9



B50B60



75614D



F5F5F5



757575



# Same Dimension

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



B5600B



EB7500



B5B50B



595550



994D00



1A0D00



# Inverse Universe

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



0B60B5



0075EB



0B0BB5



505559



004D99



000D1A



# Previews

## White Background



This preview shows how the Hex color B5600B looks on a white background.

## Color Contrast Check

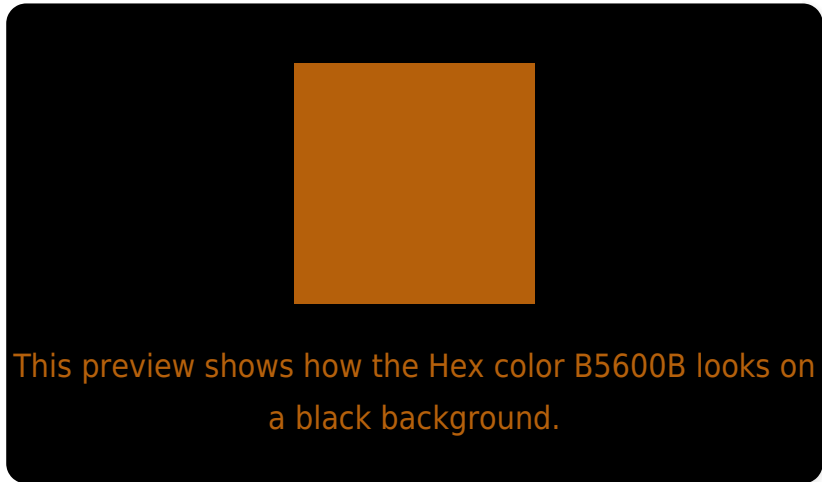
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 B5600B Background



This preview shows how black text looks on a background with the Hex color B5600B.



This preview shows how white text looks on a background with the Hex color B5600B.

# 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**  
B5600B

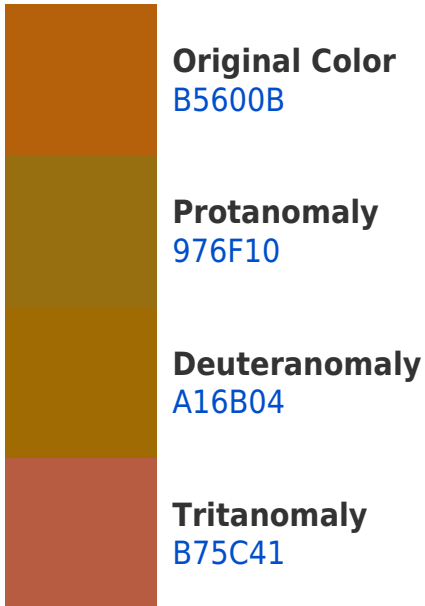
**Protanopia**  
867713

**Deuteranopia**  
967100

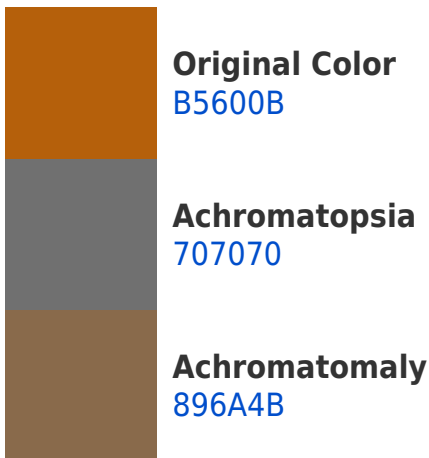


**Tritanopia**  
B85960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5600B 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 #B5600B looks like.

```
.text, #text, p{  
    color:#B5600B  
}
```

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 #B5600B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5600B  
}
```

## Border

The CSS property to change the border of an element to Hex B5600B is called "border". The border property can be set on classes, ids or directly on the HTML element.

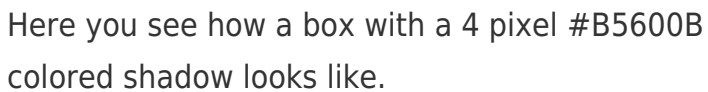
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B5600B }
```

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

```
.border{ border-color:#B5600B }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B5600B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5600B; -webkit-box-shadow:4px 4px  
4px 4px #B5600B; box-shadow:4px 4px 4px  
4px #B5600B }
```

# Background

The CSS property to change the background color of an element to Hex B5600B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5600B }
```

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

```
.background{ background-color:#B5600B }
```

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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