

Converting Colors

Hex(B7511B)

Have a look what the booklet for
Hex(B7511B) contains.

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Color

Hex(B7511B)

Conversions

Conversions Part 1

Format	Color
Hex	B7511B
RGB	183, 81, 27
RGB Percent	72%, 32%, 11%
CMY	0.2824, 0.6824, 0.8941
CMYK	0.00, 0.56, 0.85, 0.28
HSL	21°, 74%, 41%
HSV	21°, 85%, 72%
XYZ	22.6687, 16.0313, 2.9365
YIQ	105.3420, 78.1260, 4.8300

Conversions

Conversions Part 2

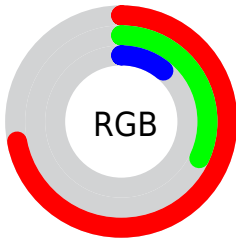
Format	Color
R _Y B	183, 110, 27
Decimal	12013851
CIE Lab	47.02, 38.46, 48.67
CIE LCh	47, 62.029, 51.687
Yxy	16.0313, 0.5444, 0.3850
Android (android.graphics.Color)	4290203931 (0xFFB7511B)
YUV	105.3420, -38.6226, 68.1061
Hunter-Lab	40.0391, 30.9920, 23.6790

Details

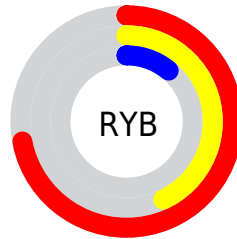
The Hex color **B7511B** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1B81B7**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F5854C**, and **7B1E00** is the 20% darker color. If you saturate the color by 10%, you get **B74509**, and if you desaturate by 10%, it is **B75D2D**.

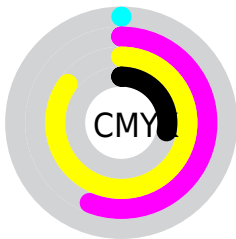
Distribution



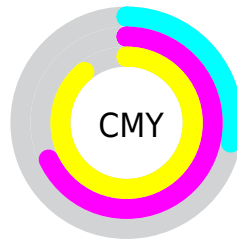
- Red (72%)
- Green (32%)
- Blue (11%)



- Red (72%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (85%)
- Black (28%)



- Cyan (28%)
- Magenta (68%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7511B 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 B7511B by changing the saturation by 10% instead.

 B7511B

 B7511B

FFFFFF

 993800

 F5854C

 7B1E00

 FFA065

 5D0000

 FFBB7F

 410000

 FFD79A

 270001

 FFF4B5

 000000

 FFFFD1

 FFFFEE

 B7511B

 B7511B

 B74509

 B75D2D

 B73F00

 B76940

 B77552

 B78164

 B78D76

 B79989

 B7A59B

 B7B1AD

 B7BDC0

Harmonies

Analogous

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



CA394C



B7511B



936800

Triad

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



B7511B



00865F



4B68D1

Complementary

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



B7511B



1B81B7

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.



007AD7



B7511B



008795

Square

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



B7511B



0A8129



0084C1



9F4EB1

Rectangle

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



B7511B



747400



0084C1



006FD7

Sweetspot

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



B7511B



EDC5AF



B71B83



786053



F7F7F7



787878

Same Dimension

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



B7511B



ED5200



B79D1B



5C5653



9C3600



1C0A00

Inverse Universe

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



1B81B7



009BED



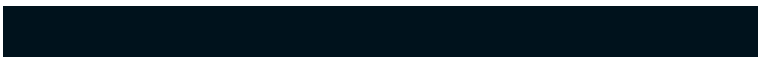
1B35B7



53595C



00669C



00121C

Previews

White Background



This preview shows how the Hex color B7511B looks on a white background.

Color Contrast Check

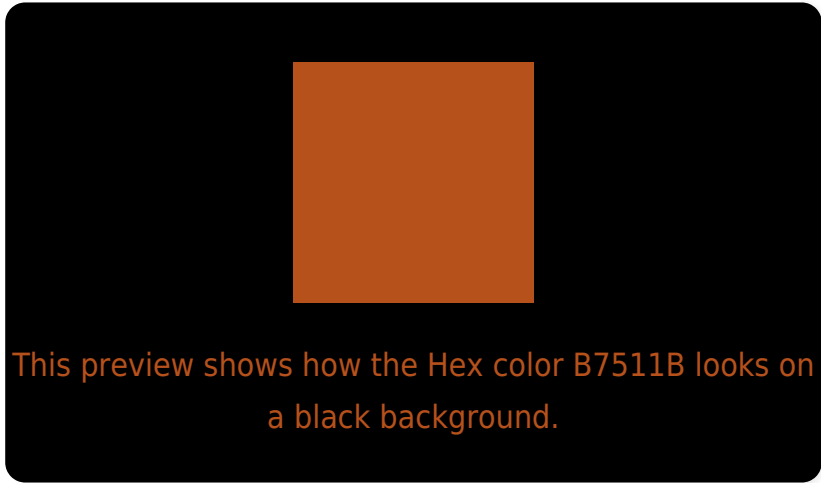
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B7511B Background



This preview shows how black text looks on a background with the Hex color B7511B.



This preview shows how white text looks on a background with the Hex color B7511B.

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
B7511B

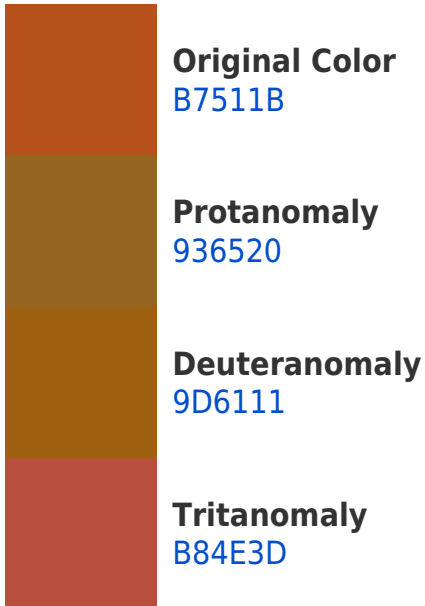
Protanopia
7E7023

Deuteranopia
8E6A0C

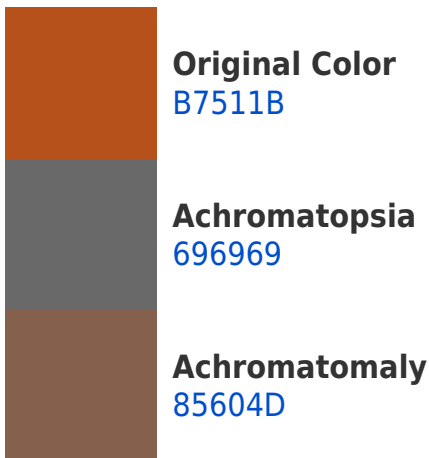


Tritanopia
B94C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7511B 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 #B7511B looks like.

```
.text, #text, p{  
    color:#B7511B  
}
```

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 #B7511B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7511B }  
}
```

Border

The CSS property to change the border of an element to Hex B7511B is called "border". The border property can be set on classes, ids or directly on the HTML element.

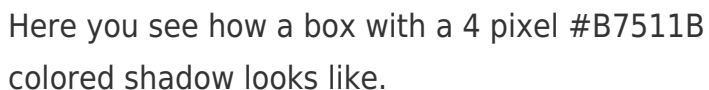
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B7511B }  
}
```

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

```
.border{ border-color:#B7511B }
```

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 #B7511B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7511B; -webkit-box-shadow:4px 4px  
4px 4px #B7511B; box-shadow:4px 4px 4px  
4px #B7511B }
```

Background

The CSS property to change the background color of an element to Hex B7511B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7511B }
```

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

```
.background{ background-color:#B7511B }
```

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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