

Converting Colors

Hex(B3511E)

Have a look what the booklet for
Hex(B3511E) contains.

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Color

Hex(B3511E)

Conversions

Conversions Part 1

Format	Color
Hex	B3511E
RGB	179, 81, 30
RGB Percent	70%, 32%, 12%
CMY	0.2980, 0.6824, 0.8824
CMYK	0.00, 0.55, 0.83, 0.30
HSL	21°, 71%, 41%
HSV	21°, 83%, 70%
XYZ	21.7672, 15.5623, 3.0849
YIQ	104.4880, 74.7790, 4.9150

Conversions

Conversions Part 2

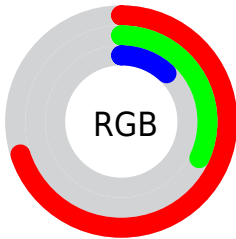
Format	Color
R_{YB}	179, 108, 30
Decimal	11751710
CIE Lab	46.39, 36.96, 46.61
CIE LCh	46, 59.486, 51.581
Yxy	15.5623, 0.5386, 0.3851
Android (android.graphics.Color)	4289941790 (0xFFB3511E)
YUV	104.4880, -36.7226, 65.3470
Hunter-Lab	39.4491, 29.4567, 22.9780

Details

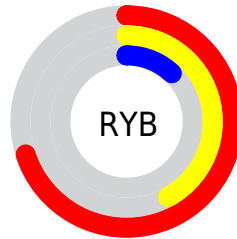
The Hex color **B3511E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1E80B3**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F1854F**, and **781F00** is the 20% darker color. If you saturate the color by 10%, you get **B3450C**, and if you desaturate by 10%, it is **B35D30**.

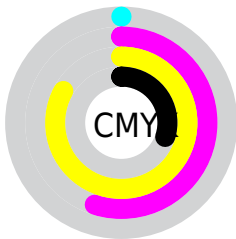
Distribution



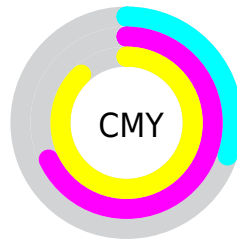
- Red (70%)
- Green (32%)
- Blue (12%)



- Red (70%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (55%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (68%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3511E 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 B3511E by changing the saturation by 10% instead.

 B3511E

 B3511E

FFFFFF

 953803

 F1854F

 781F00

 FF9F68

 5A0100

 FFBB82

 3E0000

 FFD79C

 230001

 FFF4B7

 000000

 FFFFD3

 FFFFF0

 B3511E

 B3511E

 B3450C

 B35D30

 B33D00

 B36942

 B37454

 B38066

 B38C78

 B39889

 B3A39B

 B3AFAD

 B3BBBF

Harmonies

Analogous

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



C53B4C



B3511E



906700

Triad

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



B3511E



00845E



4D67CB

Complementary

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



B3511E



1E80B3

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.



0078D1



B3511E



008491

Square

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



B3511E



157F2A



0081BC



9B4FAD

Rectangle

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



B3511E



737200



0081BC



006DD0

Sweetspot

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



B3511E



E8C2AE



B31E81



755E52



F5F5F5



757575

Same Dimension

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



B3511E



E84F00



B39A1E



595350



993400



1A0900

Inverse Universe

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



1E80B3



0099E8



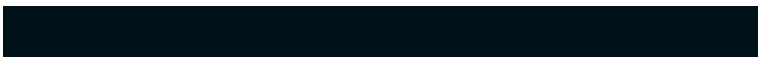
1E37B3



505659



006599



00111A

Previews

White Background



This preview shows how the Hex color B3511E looks on a white background.

Color Contrast Check

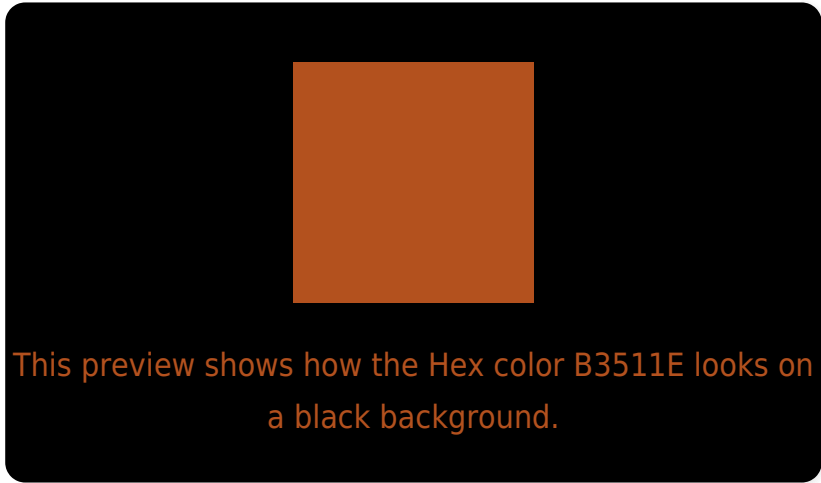
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3511E Background



This preview shows how black text looks on a background with the Hex color B3511E.



This preview shows how white text looks on a background with the Hex color B3511E.

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
B3511E

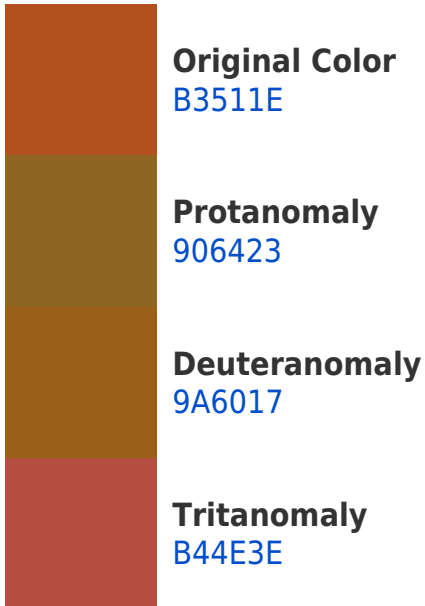
Protanopia
7C6F26

Deuteranopia
8C6913

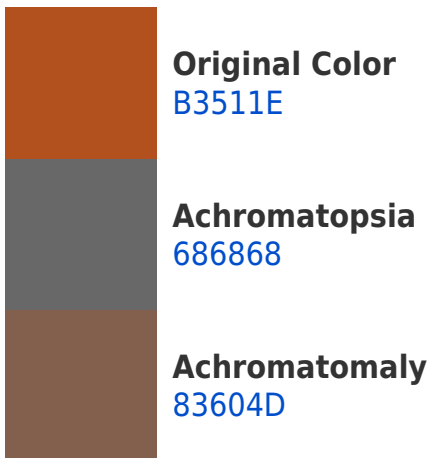


Tritanopia
B54C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3511E 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 #B3511E looks like.

```
.text, #text, p{  
    color:#B3511E  
}
```

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 #B3511E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3511E
}
```

Border

The CSS property to change the border of an element to Hex B3511E is called "border". The border property can be set on classes, ids or directly on the HTML element.

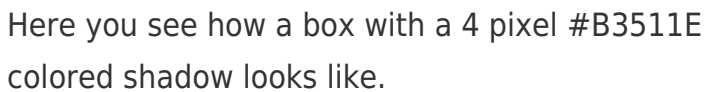
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3511E }
```

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

```
.border{ border-color:#B3511E }
```

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, offset to the right and bottom of the box.

Here you see how a box with a 4 pixel #B3511E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3511E; -webkit-box-shadow:4px 4px  
4px 4px #B3511E; box-shadow:4px 4px 4px  
4px #B3511E }
```

Background

The CSS property to change the background color of an element to Hex B3511E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3511E }
```

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

```
.background{ background-color:#B3511E }
```

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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