

Converting Colors

Hex(B4491E)

Have a look what the booklet for
Hex(B4491E) contains.

Hex(B4491E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4491E)

Conversions

Conversions Part 1

Format	Color
Hex	B4491E
RGB	180, 73, 30
RGB Percent	71%, 29%, 12%
CMY	0.2941, 0.7137, 0.8824
CMYK	0.00, 0.59, 0.83, 0.29
HSL	17°, 71%, 41%
HSV	17°, 83%, 71%
XYZ	21.4393, 14.5621, 2.9091
YIQ	100.0910, 77.5750, 9.3110

Conversions

Conversions Part 2

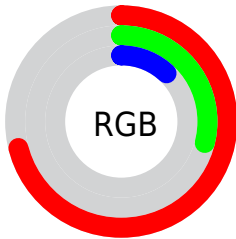
Format	Color
R_{YB}	180, 90, 30
Decimal	11815198
CIE _{Lab}	45.03, 41.31, 45.43
CIE _{LCh}	45, 61.405, 47.720
Yxy	14.5621, 0.5510, 0.3742
Android (android.graphics.Color)	4290005278 (0xFFB4491E)
YUV	100.0910, -34.5549, 70.0802
Hunter-Lab	38.1603, 33.5044, 22.1924

Details

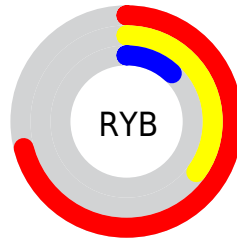
The Hex color **B4491E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E89B4**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F27D4E**, and **781300** is the 20% darker color. If you saturate the color by 10%, you get **B43C0C**, and if you desaturate by 10%, it is **B45630**.

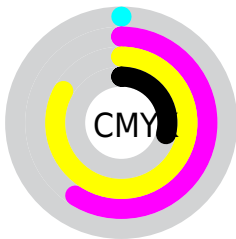
Distribution



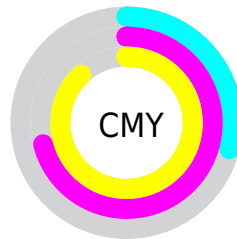
- Red (71%)
- Green (29%)
- Blue (12%)



- Red (71%)
- Yellow (35%)
- Blue (12%)



- Cyan (0%)
- Magenta (59%)
- Yellow (83%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4491E 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 B4491E by changing the saturation by 10% instead.

 B4491E

 B4491E

FFFFFF

 962F04

 F27D4E

 781300

 FF9867

 5A0000

 FFB381

 3E0000

 FFCF9B

 220001

 FFECB6

 000000

 FFFFD2

 FFFFEF

 B4491E

 B4491E

 B43C0C

 B45630

 B43400

 B46342

 B47054

 B47C66

 B48978

 B4968A

 B4A39C

 B4B0AE

 B4BDC0

Harmonies

Analogous

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



C4324F



B4491E



926100

Triad

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



B4491E



008053



3066CD

Complementary

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



B4491E



1E89B4

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.



0077CF



B4491E



008188

Square

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



B4491E



1D7B1D



007FB6



924DB0

Rectangle

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



B4491E



756D00



007FB6



006DD1

Sweetspot

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



B4491E



EBC1B0



B41E8A



755C52



F5F5F5



757575

Same Dimension

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



B4491E



EB4300



B4941E



595350



992C00



1A0700

Inverse Universe

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



1E89B4



00A7EB



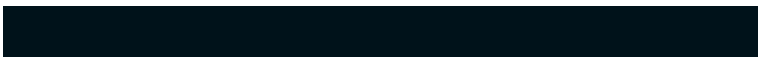
1E3FB4



505759



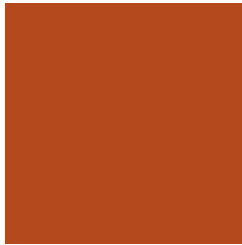
006D99



00121A

Previews

White Background



This preview shows how the Hex color B4491E looks on a white background.

Color Contrast Check

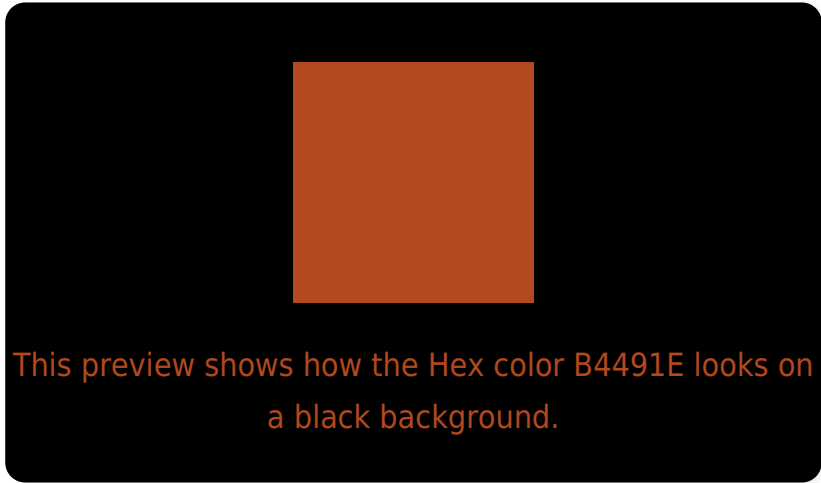
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4491E Background



This preview shows how black text looks on a background with the Hex color B4491E.



This preview shows how white text looks on a background with the Hex color B4491E.

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
B4491E

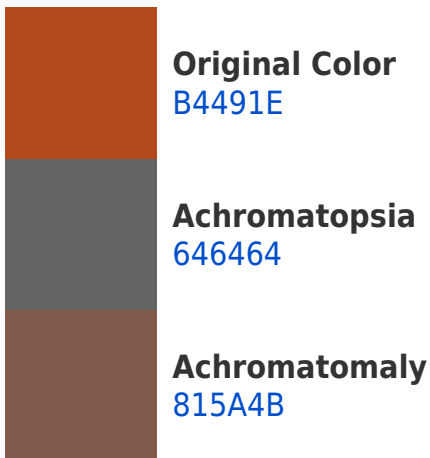
Protanopia
786B27

Deuteranopia
876612

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4491E 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 #B4491E looks like.

```
.text, #text, p{  
    color:#B4491E  
}
```

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 #B4491E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4491E
}
```

Border

The CSS property to change the border of an element to Hex B4491E 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".

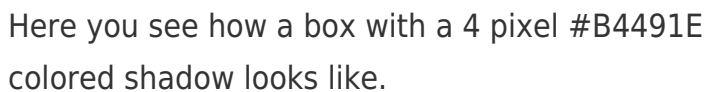
```
.border, #border, table{ border:4px solid
#B4491E }
```

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

```
.border{ border-color:#B4491E }
```

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

Here you see how a box with a 4 pixel #B4491E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4491E; -webkit-box-shadow:4px 4px  
4px 4px #B4491E; box-shadow:4px 4px 4px  
4px #B4491E }
```

Background

The CSS property to change the background color of an element to Hex B4491E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4491E }
```

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

```
.background{ background-color:#B4491E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor