

# Converting Colors

Hex(B6481E)

Have a look what the booklet for  
Hex(B6481E) contains.

<b>Hex(B6481E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B6481E)

# Conversions

## Conversions Part 1

Format	Color
Hex	B6481E
RGB	182, 72, 30
RGB Percent	71%, 28%, 12%
CMY	0.2863, 0.7176, 0.8824
CMYK	0.00, 0.60, 0.84, 0.29
HSL	17°, 72%, 42%
HSV	17°, 84%, 71%
XYZ	21.8431, 14.6736, 2.9093
YIQ	100.1020, 79.0420, 10.2580

# Conversions

## Conversions Part 2

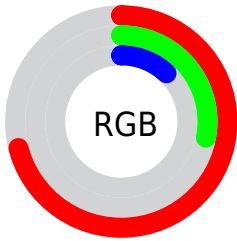
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 88, 30
Decimal	11946014
CIE <sub>Lab</sub>	45.18, 42.54, 45.70
CIE <sub>LCh</sub>	45, 62.434, 47.049
Yxy	14.6736, 0.5540, 0.3722
Android (android.graphics.Color)	4290136094 (0xFFB6481E)
YUV	100.1020, -34.5603, 71.8245
Hunter-Lab	38.3061, 34.7497, 22.3112

# Details

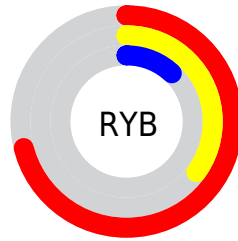
The Hex color **B6481E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E8CB6**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F47C4E**, and **7A1100** is the 20% darker color. If you saturate the color by 10%, you get **B63B0C**, and if you desaturate by 10%, it is **B65530**.

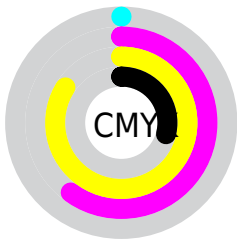
# Distribution



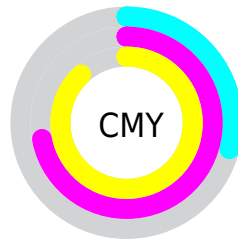
- Red (71%)
- Green (28%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (60%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (72%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6481E 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 B6481E by changing the saturation by 10% instead.



 B6481E

 B6481E

FFFFFF

 982E04

 F47C4E

 7A1100

 FF9767

 5C0000

 FFB381

 3F0000

 FFCF9B

 240001

 FFECB6

 000000

 FFFFD2

 FFFFEE

 B6481E

 B6481E

 B63B0C

 B65530


 B63200

 B66242

 B67055

 B67D67

 B68A79

 B6978B

 B6A49D

 B6B1B0

 B6BFC2

# Harmonies

## Analogous

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



C63050



B6481E



946000

# Triad

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



B6481E



008152



2867D0

# Complementary

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



B6481E



1E8CB6

# 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



B6481E



008288

# Square

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



B6481E



1E7C1A



0080B7



914EB3

# Rectangle

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



B6481E



766D00



0080B7



006ED3



# Sweetspot

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



B6481E



EDC2B2



B61E8D



785E54



F7F7F7



787878



# Same Dimension

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



B6481E



ED4200



B6931E



5C5553



9C2B00



1C0800



# Inverse Universe

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



1E8CB6



00ACED



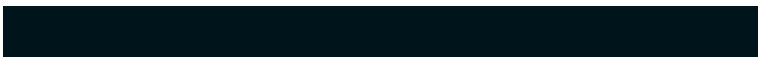
1E41B6



53595C



00719C



00141C



# Previews

## White Background



This preview shows how the Hex color B6481E looks on a white background.

## Color Contrast Check

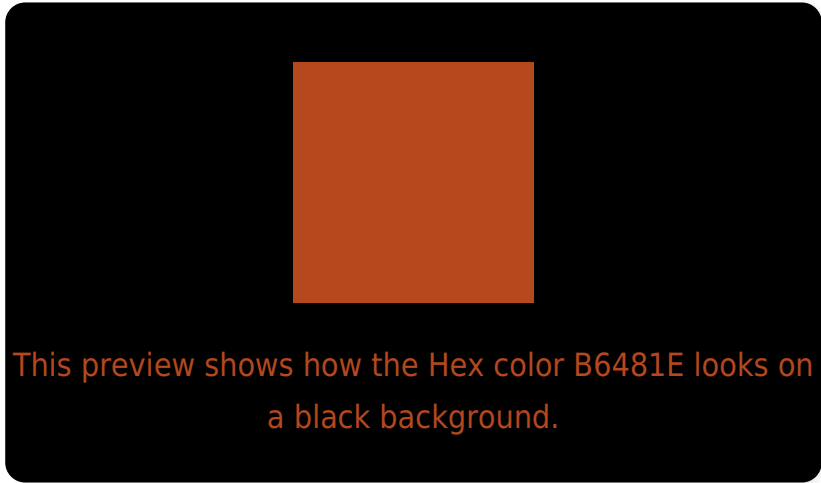
Large Text (above 18pt) WCAG AA ✓ Pass

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

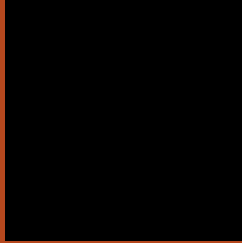
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B6481E Background



This preview shows how black text looks on a background with the Hex color B6481E.



This preview shows how white text looks on a background with the Hex color B6481E.

# 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**  
B6481E

**Protanopia**  
786C27

**Deuteranopia**  
886611

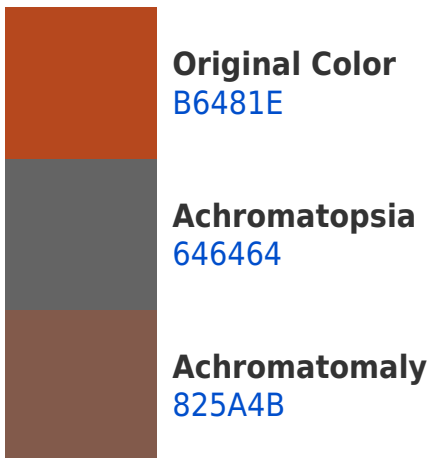


**Tritanopia**  
B74448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6481E 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 #B6481E looks like.

```
.text, #text, p{  
    color:#B6481E  
}
```

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 #B6481E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6481E
}
```

## Border

The CSS property to change the border of an element to Hex B6481E is called "border". The border property can be set on classes, ids or directly on the HTML element.

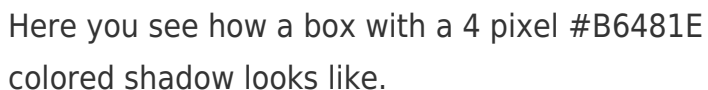
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6481E }
```

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

```
.border{ border-color:#B6481E }
```

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. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B6481E colored shadow looks like."

Here you see how a box with a 4 pixel #B6481E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6481E; -webkit-box-shadow:4px 4px  
4px 4px #B6481E; box-shadow:4px 4px 4px  
4px #B6481E }
```

# Background

The CSS property to change the background color of an element to Hex B6481E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6481E }
```

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

```
.background{ background-color:#B6481E }
```

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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