

# Converting Colors

Hex(B63E1E)

Have a look what the booklet for  
Hex(B63E1E) contains.

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# Color

Hex(B63E1E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B63E1E
RGB	182, 62, 30
RGB Percent	71%, 24%, 12%
CMY	0.2863, 0.7569, 0.8824
CMYK	0.00, 0.66, 0.84, 0.29
HSL	13°, 72%, 42%
HSV	13°, 84%, 71%
XYZ	21.2484, 13.4841, 2.7111
YIQ	94.2320, 81.7920, 15.4880

# Conversions

## Conversions Part 2

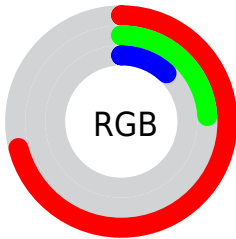
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 71, 30
Decimal	11943454
CIE Lab	43.48, 47.06, 44.16
CIE LCh	43, 64.535, 43.175
Yxy	13.4841, 0.5675, 0.3601
Android (android.graphics.Color)	4290133534 (0xFFB63E1E)
YUV	94.2320, -31.6664, 76.9725
Hunter-Lab	36.7207, 39.0277, 21.3271

# Details

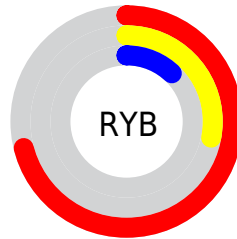
The Hex color **B63E1E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E96B6**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F5734D**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B6300C**, and if you desaturate by 10%, it is **B64C30**.

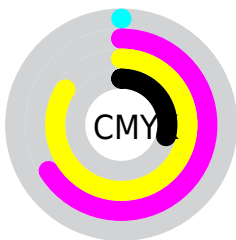
# Distribution



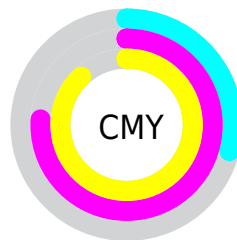
- Red (71%)
- Green (24%)
- Blue (12%)



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



- Cyan (0%)
- Magenta (66%)
- Yellow (84%)
- Black (29%)



- Cyan (29%)
- Magenta (76%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63E1E 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 B63E1E by changing the saturation by 10% instead.



 B63E1E

 B63E1E

FFFFFF

 972205

 F5734D

 790000

 FF8E66

 5B0000

 FFAA80

 3F0001

 FFC69A

 210001

 FFE3B5

 000000

 FFFFD1

 FFFFED

 B63E1E

 B63E1E

 B6300C

 B64C30

 B62600

 B65B42

 B66955

 B67767

 B68679

 B6948B

 B6A39D

 B6B1B0

 B6BFC2

# Harmonies

## Analogous

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



C32352



B63E1E



955900

# Triad

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



B63E1E



007C46



0066D0

# Complementary

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



B63E1E



1E96B6

# 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.



0075CE



B63E1E



007E7E

# Square

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



B63E1E



237704



007CAF



854CB6

# Rectangle

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



B63E1E



786600



007CAF



006CD3



# Sweetspot

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



B63E1E



EDBEB2



B61E98



785B54



F7F7F7



787878



# Same Dimension

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



B63E1E



ED3200



B6881E



5C5553



9C2100



1C0600



# Inverse Universe

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



1E96B6



00BBED



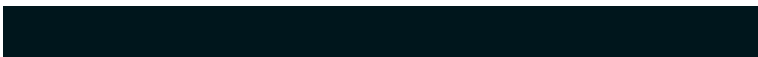
1E4CB6



535A5C



007B9C

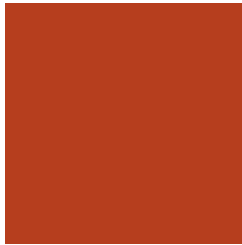


00161C



# Previews

## White Background



This preview shows how the Hex color B63E1E looks on a white background.

## Color Contrast Check

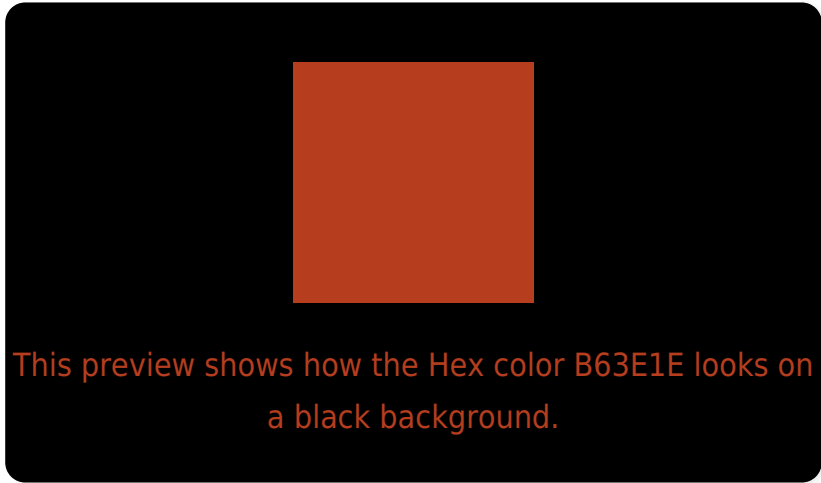
Large Text (above 18pt) WCAG AA ✓ Pass

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 B63E1E Background



This preview shows how black text looks on a background with the Hex color B63E1E.



This preview shows how white text looks on a background with the Hex color B63E1E.

# 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





**Tritanopia**  
B73B3E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63E1E 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 #B63E1E looks like.

```
.text, #text, p{  
    color:#B63E1E  
}
```

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 #B63E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63E1E
}
```

## Border

The CSS property to change the border of an element to Hex B63E1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

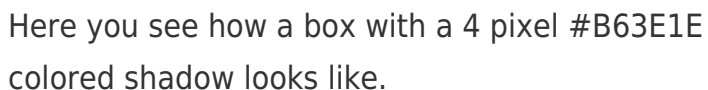
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B63E1E }
```

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

```
.border{ border-color:#B63E1E }
```

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



Here you see how a box with a 4 pixel #B63E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63E1E; -webkit-box-shadow:4px 4px  
4px 4px #B63E1E; box-shadow:4px 4px 4px  
4px #B63E1E }
```

# Background

The CSS property to change the background color of an element to Hex B63E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63E1E }
```

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

```
.background{ background-color:#B63E1E }
```

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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