

# Converting Colors

Hex(BE3C1C)

Have a look what the booklet for  
Hex(BE3C1C) contains.

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# Color

Hex(BE3C1C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE3C1C
RGB	190, 60, 28
RGB Percent	75%, 24%, 11%
CMY	0.2549, 0.7647, 0.8902
CMYK	0.00, 0.68, 0.85, 0.25
HSL	12°, 74%, 43%
HSV	12°, 85%, 75%
XYZ	23.0607, 14.2627, 2.6362
YIQ	95.2220, 87.7520, 17.6080

# Conversions

## Conversions Part 2

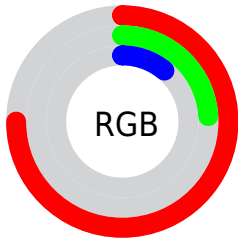
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 68, 28
Decimal	12467228
CIELab	44.61, 50.61, 46.64
CIELCh	45, 68.823, 42.659
Yxy	14.2627, 0.5771, 0.3569
Android (android.graphics.Color)	4290657308 (0xFFBE3C1C)
YUV	95.2220, -33.1404, 83.1203
Hunter-Lab	37.7660, 42.9051, 22.2976

# Details

The Hex color **BE3C1C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1C9EBE**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FD724C**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BE2D09**, and if you desaturate by 10%, it is **BE4B2F**.

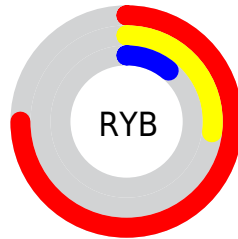
# Distribution



Red (75%)

Green (24%)

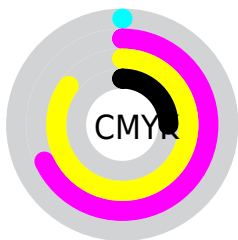
Blue (11%)



Red (75%)

Yellow (27%)

Blue (11%)

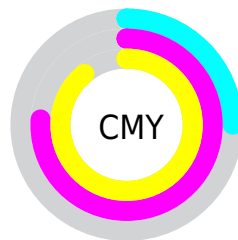


Cyan (0%)

Magenta (68%)

Yellow (85%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE3C1C 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 BE3C1C by changing the saturation by 10% instead.



 BE3C1C

 BE3C1C

FFFFFF

 9F1E03

 FD724C

 800000

 FF8E64

 620000

 FFA97E

 450000

 FFC698

 280001

 FFE2B3

 000000

 FFFF00

FFFFCF

 FFFF00

FFFEC

 BE3C1C

 BE3C1C

■ BE2D09

■ BE4B2F

■ BE2600

■ BE5A42

■ BE6A55

■ BE7968

■ BE887B

■ BE978E

■ BEA7A1

■ BEB6B4

■ BEC5C7

# Harmonies

## Analogous

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



CC1B54



BE3C1C



9B5A00

# Triad

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



BE3C1C



008045



0069DB

# Complementary

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



BE3C1C



1C9EBE

# 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.



0079D8



BE3C1C



008281

# Square

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



BE3C1C



1F7A00



0081B7



884DBF

# Rectangle

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



BE3C1C



7C6900



0081B7



0070DE



# Sweetspot

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



BE3C1C



F7C4B7



BE1CA0



7D5E56



FCFCFC



7D7D7D



# Same Dimension

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



BE3C1C



F73100



BE8B1C



5E5755



9E1F00



1F0600



# Inverse Universe

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



1C9EBE



00C6F7



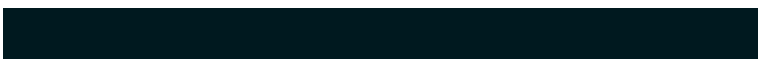
1C4FBE



555C5E



007F9E

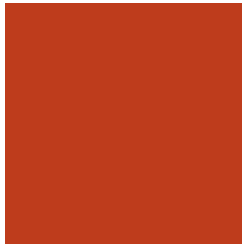


00191F



# Previews

## White Background



This preview shows how the Hex color BE3C1C looks on a white background.

## Color Contrast Check

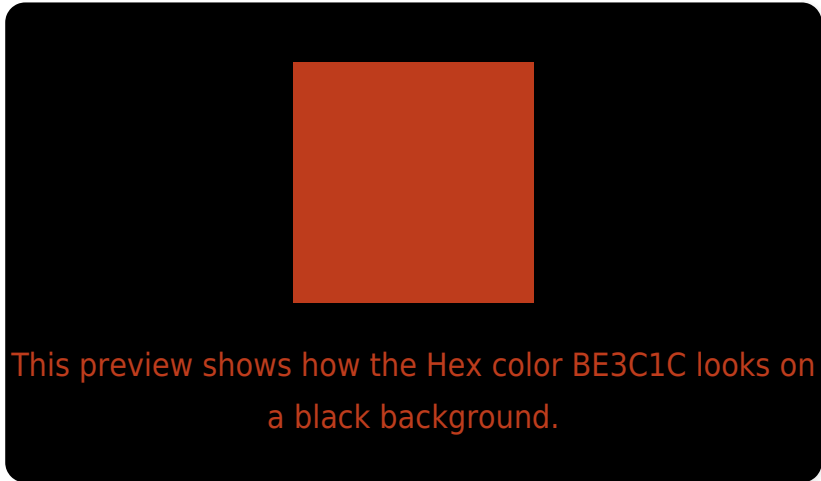
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE3C1C Background



This preview shows how black text looks on a background with the Hex color BE3C1C.



This preview shows how white text looks on a background with the Hex color BE3C1C.

# 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**  
BE3C1C

**Protanopia**  
776B28

**Deuteranopia**  
866500



**Tritanopia**  
BF393B

# Trichromacy



**Original Color**  
BE3C1C

**Protanomaly**  
915A24

**Deuteranomaly**  
9A560A

**Tritanomaly**  
BF3A30

# Monochromacy



**Original Color**  
BE3C1C

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
825247

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE3C1C 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 #BE3C1C looks like.

```
.text, #text, p{  
    color:#BE3C1C  
}
```

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 #BE3C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE3C1C }  
}
```

## Border

The CSS property to change the border of an element to Hex BE3C1C 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".

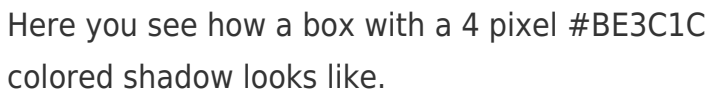
```
.border, #border, table{ border:4px solid #BE3C1C }  
}
```

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

```
.border{ border-color:#BE3C1C }
```

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

Here you see how a box with a 4 pixel #BE3C1C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE3C1C; -webkit-box-shadow:4px 4px  
4px 4px #BE3C1C; box-shadow:4px 4px 4px  
4px #BE3C1C }
```

# Background

The CSS property to change the background color of an element to Hex BE3C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE3C1C }
```

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

```
.background{ background-color:#BE3C1C }
```

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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