

# Converting Colors

Hex(BE440F)

Have a look what the booklet for  
Hex(BE440F) contains.

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**Color**

**Hex(BE440F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE440F
RGB	190, 68, 15
RGB Percent	75%, 27%, 6%
CMY	0.2549, 0.7333, 0.9412
CMYK	0.00, 0.64, 0.92, 0.25
HSL	18°, 85%, 40%
HSV	18°, 92%, 75%
XYZ	23.3886, 15.1159, 2.1369
YIQ	98.4360, 89.7250, 9.3810

# Conversions

## Conversions Part 2

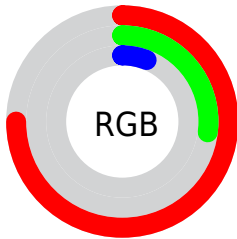
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 91, 15
Decimal	12469263
CIE <sub>Lab</sub>	45.79, 46.98, 52.59
CIE <sub>LCh</sub>	46, 70.516, 48.228
Yxy	15.1159, 0.5755, 0.3719
Android (android.graphics.Color)	4290659343 (0xFFBE440F)
YUV	98.4360, -41.1339, 80.3016
Hunter-Lab	38.8792, 39.3418, 23.9567

# Details

The Hex color **BE440F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F89BE**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FD7942**, and **800500** is the 20% darker color. If you saturate the color by 10%, you get **BE3A00**, and if you desaturate by 10%, it is **BE5122**.

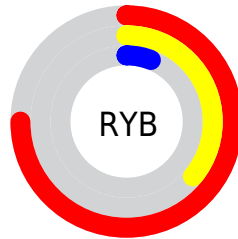
# Distribution



Red (75%)

Green (27%)

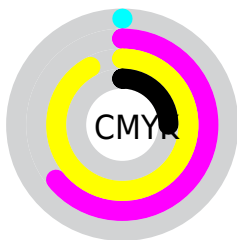
Blue (6%)



Red (75%)

Yellow (36%)

Blue (6%)

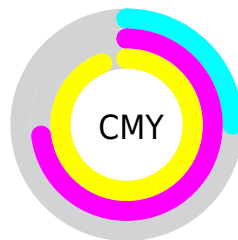


Cyan (0%)

Magenta (64%)

Yellow (92%)

Black (25%)



Cyan (25%)

Magenta (73%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE440F 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 BE440F by changing the saturation by 10% instead.



 BE440F

 BE440F

FFFFFF

 9F2900

 FD7942

 800500

 FF945B

 620000

 FFB075

 450000

 FFCC8F

 2A0001

 FFE9AA

 000000

 FFFFC6

 FFFFEE3

 BE440F

 BE440F

■ BE3A00

■ BE5122

■ BE5E35

■ BE6C48

■ BE795B

■ BE866E

■ BE9381

■ BEA194

■ BEAEA7

■ BEBBBA

# Harmonies

## Analogous

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



D1204C



BE440F



976100

# Triad

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



BE440F



008452



0E67DE

# Complementary

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



BE440F



0F89BE

# 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.



007AE1



BE440F



008690

# Square

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



BE440F



007F0C



0083C4



9A48BC

# Rectangle

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



BE440F



756F00



0083C4



006FE3



# Sweetspot

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



BE440F



F7C7B2



BE0F8A



7D5F52



FCFCFC



7D7D7D



# Same Dimension

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



BE440F



F74B00



BE9B0F



5E5855



9E3000



1F0900



# Inverse Universe

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



0F89BE



00ACF7



0F32BE



555B5E



006E9E



00151F



# Previews

## White Background



This preview shows how the Hex color BE440F looks on a white background.

## Color Contrast Check

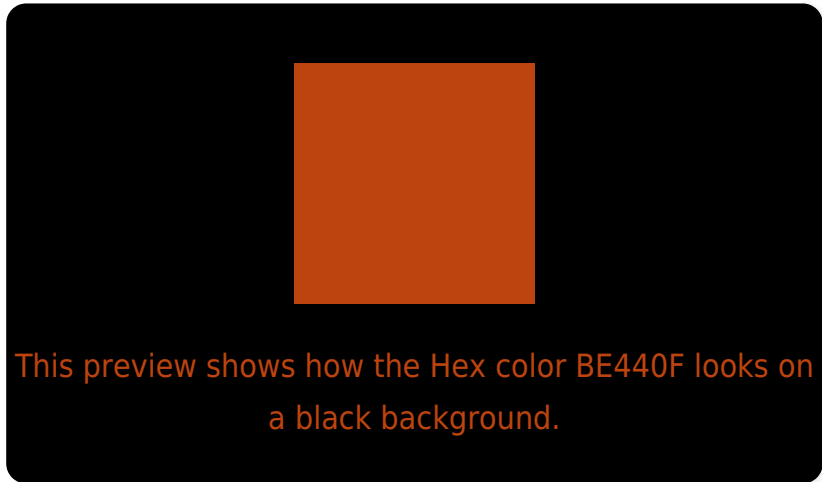
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE440F Background



This preview shows how black text looks on a background with the Hex color BE440F.



This preview shows how white text looks on a background with the Hex color BE440F.

# 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**  
BE440F

**Protanopia**  
7B6D1A

**Deuteranopia**  
8A6800

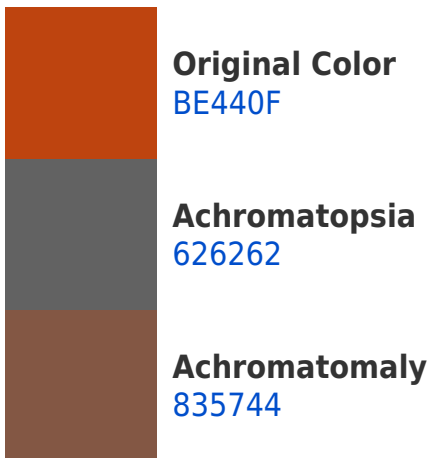


**Tritanopia**  
BF3F43

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE440F 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 #BE440F looks like.

```
.text, #text, p{  
    color:#BE440F  
}
```

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 #BE440F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE440F
}
```

## Border

The CSS property to change the border of an element to Hex BE440F is called "border". The border property can be set on classes, ids or directly on the HTML element.

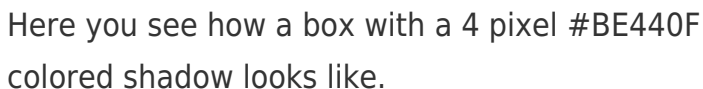
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE440F }
```

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

```
.border{ border-color:#BE440F }
```

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



Here you see how a box with a 4 pixel `#BE440F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE440F; -webkit-box-shadow:4px 4px  
4px 4px #BE440F; box-shadow:4px 4px 4px  
4px #BE440F }
```

# Background

The CSS property to change the background color of an element to Hex BE440F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE440F }
```

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

```
.background{ background-color:#BE440F }
```

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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