

# Converting Colors

Hex(BE4A0E)

Have a look what the booklet for  
Hex(BE4A0E) contains.

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**Color**

**Hex(BE4A0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4A0E
RGB	190, 74, 14
RGB Percent	75%, 29%, 5%
CMY	0.2549, 0.7098, 0.9451
CMYK	0.00, 0.61, 0.93, 0.25
HSL	20°, 86%, 40%
HSV	20°, 93%, 75%
XYZ	23.7632, 15.8764, 2.2275
YIQ	101.8440, 88.3960, 5.9320

# Conversions

## Conversions Part 2

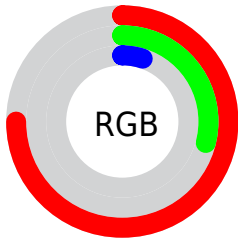
Format	Color
R <sub>Y</sub> B	190, 105, 14
Decimal	12470798
CIE Lab	46.81, 44.25, 53.60
CIE LCh	47, 69.501, 50.460
Yxy	15.8764, 0.5676, 0.3792
Android (android.graphics.Color)	4290660878 (0xFFBE4A0E)
YUV	101.8440, -43.3071, 77.3128
Hunter-Lab	39.8452, 36.7263, 24.5772

# Details

The Hex color **BE4A0E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0E82BE**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FD7F42**, and **811200** is the 20% darker color. If you saturate the color by 10%, you get **BE4100**, and if you desaturate by 10%, it is **BE5721**.

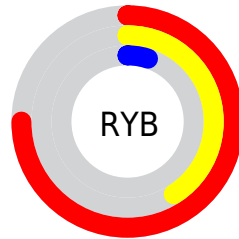
# Distribution



Red (75%)

Green (29%)

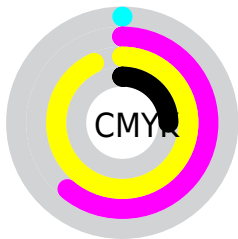
Blue (5%)



Red (75%)

Yellow (41%)

Blue (5%)

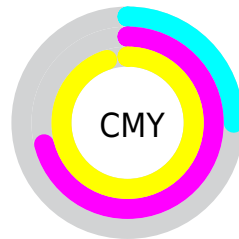


Cyan (0%)

Magenta (61%)

Yellow (93%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4A0E 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 BE4A0E by changing the saturation by 10% instead.



 BE4A0E

 BE4A0E

FFFFFF

 9F3000

 FD7F42

 811200

 FF9A5C

 620000

 FFB575

 450000

 FFD290

 2B0001

 FFEEAB

 000000

 FFFFC7

 FFFF E3

 BE4A0E

 BE4A0E

■ BE4100

■ BE5721

■ BE6334

■ BE7047

■ BE7C5A

■ BE896D

■ BE9580

■ BEA293

■ BEAEA6

■ BEBBB9

# Harmonies

## Analogous

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



D3294A



BE4A0E



966600

# Triad

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



BE4A0E



00875A



3468DE

# Complementary

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



BE4A0E



0E82BE

# 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.



007CE3



BE4A0E



008896

# Square

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



BE4A0E



008219



0085C9



A149BA

# Rectangle

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



BE4A0E



747300



0085C9



0070E3



# Sweetspot

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



BE4A0E



F7CAB2



BE0E83



7D6152



FCFCFC



7D7D7D



# Same Dimension

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



BE4A0E



F75400



BEA10E



5E5855



9E3600



1F0A00



# Inverse Universe

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



0E82BE



00A3F7



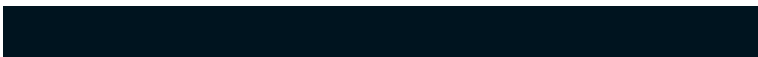
0E2BBE



555B5E



00689E



00141F



# Previews

## White Background



This preview shows how the Hex color BE4A0E looks on a white background.

## Color Contrast Check

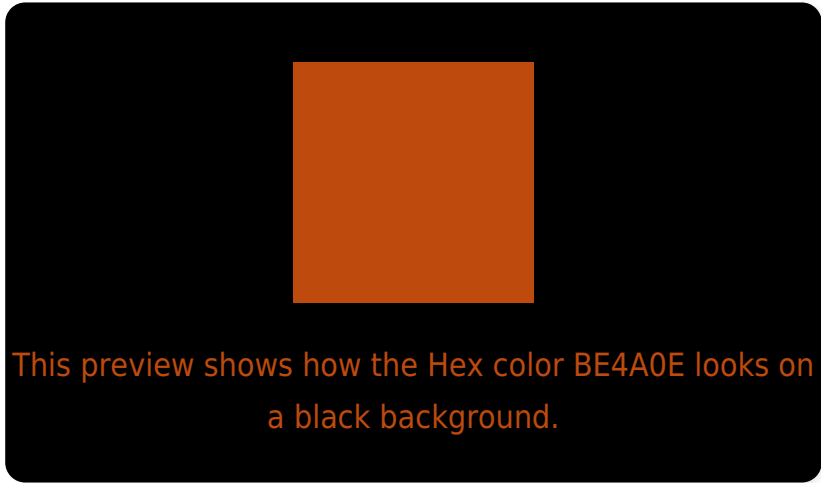
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4A0E Background



This preview shows how black text looks on a background with the Hex color BE4A0E.



This preview shows how white text looks on a background with the Hex color BE4A0E.

# 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**  
BE4A0E

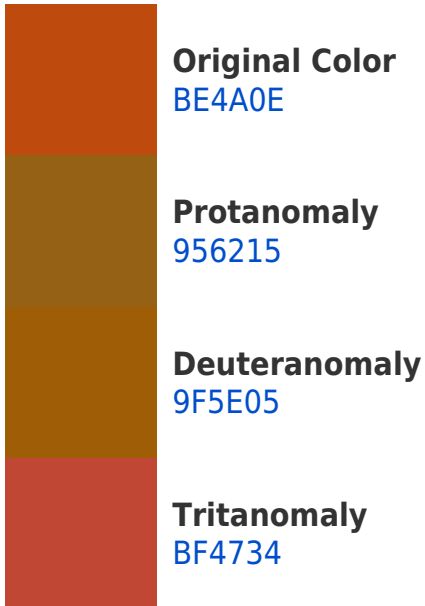
**Protanopia**  
7E7019

**Deuteranopia**  
8D6A00



**Tritanopia**  
C04549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4A0E 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 #BE4A0E looks like.

```
.text, #text, p{  
    color:#BE4A0E  
}
```

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 #BE4A0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4A0E
}
```

## Border

The CSS property to change the border of an element to Hex BE4A0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

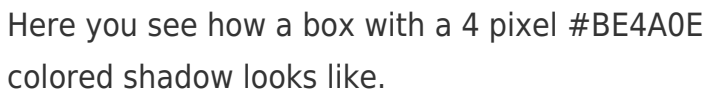
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE4A0E }
```

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

```
.border{ border-color:#BE4A0E }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #BE4A0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4A0E; -webkit-box-shadow:4px 4px  
4px 4px #BE4A0E; box-shadow:4px 4px 4px  
4px #BE4A0E }
```

# Background

The CSS property to change the background color of an element to Hex BE4A0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4A0E }
```

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

```
.background{ background-color:#BE4A0E }
```

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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