

# Converting Colors

Hex(BE4D13)

Have a look what the booklet for  
Hex(BE4D13) contains.

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**Color**

**Hex(BE4D13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4D13
RGB	190, 77, 19
RGB Percent	75%, 30%, 7%
CMY	0.2549, 0.6980, 0.9255
CMYK	0.00, 0.59, 0.90, 0.25
HSL	20°, 82%, 41%
HSV	20°, 90%, 75%
XYZ	24.0066, 16.3019, 2.4974
YIQ	104.1750, 85.9660, 5.9180

# Conversions

## Conversions Part 2

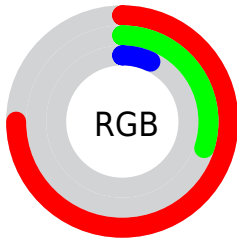
Format	Color
R <sub>Y</sub> B	190, 107, 19
Decimal	12471571
CIE Lab	47.37, 42.92, 52.43
CIE LCh	47, 67.758, 50.696
Yxy	16.3019, 0.5608, 0.3808
Android (android.graphics.Color)	4290661651 (0xFFBE4D13)
YUV	104.1750, -41.9913, 75.2685
Hunter-Lab	40.3756, 35.4755, 24.5956

# Details

The Hex color **BE4D13** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1384BE**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FD8146**, and **811700** is the 20% darker color. If you saturate the color by 10%, you get **BE4000**, and if you desaturate by 10%, it is **BE5A26**.

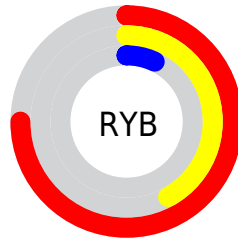
# Distribution



Red (75%)

Green (30%)

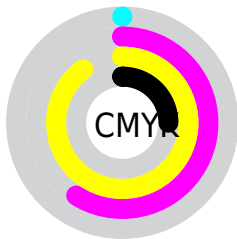
Blue (7%)



Red (75%)

Yellow (42%)

Blue (7%)

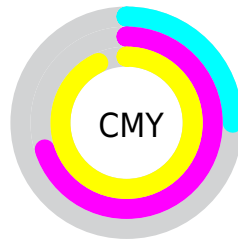


Cyan (0%)

Magenta (59%)

Yellow (90%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4D13 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 BE4D13 by changing the saturation by 10% instead.



 BE4D13

 BE4D13

FFFFFF

 9F3300

 FD8146

 811700

 FF9C5F

 630000

 FFB879

 460000

 FFD494

 2C0001

 FFF1AF

 000000

 FFFFFCB

 FFFFFE7

 BE4D13

 BE4D13

 BE4000

 BE5A26

 BE6639

 BE734C

 BE7F5F

 BE8C72

 BE9885

 BEA598

 BEB1AB

 BEBEBE

# Harmonies

## Analogous

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



D22F4C



BE4D13



976800

# Triad

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



BE4D13



00885C



3D69DC

# Complementary

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



BE4D13



1384BE

# 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.



007DE2



BE4D13



008997

# Square

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



BE4D13



00831E



0086C8



A24CBA

# Rectangle

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



BE4D13



767400



0086C8



0071E2



# Sweetspot

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



BE4D13



F7CBB5



BE1385



7D6355



FCFCFC



7D7D7D



# Same Dimension

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



BE4D13



F75400



BEA213



5E5855



9E3600



1F0A00



# Inverse Universe

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



1384BE



00A3F7



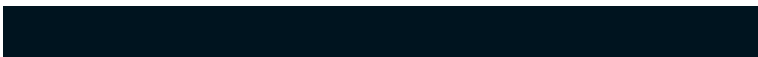
1330BE



555B5E



00689E



00141F



# Previews

## White Background



This preview shows how the Hex color BE4D13 looks on a white background.

## Color Contrast Check

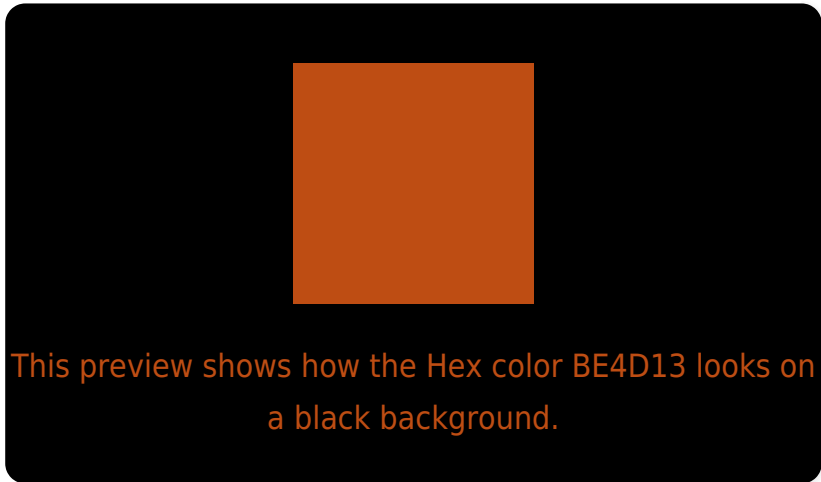
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4D13 Background



This preview shows how black text looks on a background with the Hex color BE4D13.



This preview shows how white text looks on a background with the Hex color BE4D13.

# 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**  
BE4D13

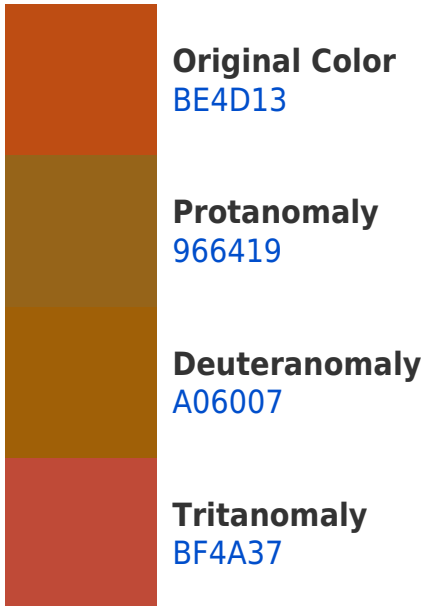
**Protanopia**  
7F711C

**Deuteranopia**  
8F6B00

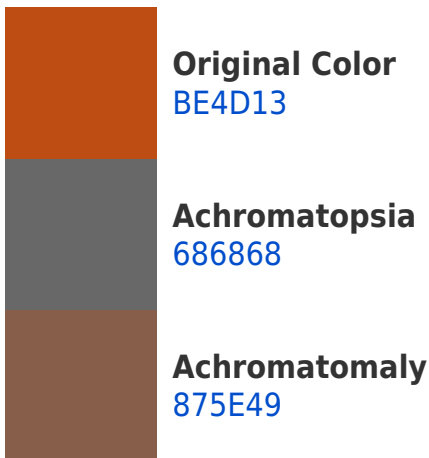


**Tritanopia**  
C0484C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4D13 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 #BE4D13 looks like.

```
.text, #text, p{  
    color:#BE4D13  
}
```

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 #BE4D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4D13
}
```

## Border

The CSS property to change the border of an element to Hex BE4D13 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
#BE4D13 }
```

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

```
.border{ border-color:#BE4D13 }
```

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

Here you see how a box with a 4 pixel #BE4D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4D13; -webkit-box-shadow:4px 4px  
4px 4px #BE4D13; box-shadow:4px 4px 4px  
4px #BE4D13 }
```

# Background

The CSS property to change the background color of an element to Hex BE4D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4D13 }
```

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

```
.background{ background-color:#BE4D13 }
```

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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