

# Converting Colors

Hex(BE402C)

Have a look what the booklet for  
Hex(BE402C) contains.

<b>Hex(BE402C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(BE402C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE402C
RGB	190, 64, 44
RGB Percent	75%, 25%, 17%
CMY	0.2549, 0.7490, 0.8275
CMYK	0.00, 0.66, 0.77, 0.25
HSL	8°, 62%, 46%
HSV	8°, 77%, 75%
XYZ	23.5232, 14.7958, 3.9989
YIQ	99.3940, 81.5160, 20.4920

# Conversions

## Conversions Part 2

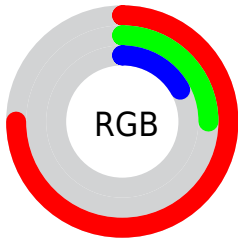
Format	Color
<a href="#">RYB</a>	<a href="#">190, 67, 44</a>
Decimal	<a href="#">12468268</a>
<a href="#">CIELab</a>	<a href="#">45.35, 49.47, 39.30</a>
<a href="#">CIElCh</a>	<a href="#">45, 63.181, 38.466</a>
<a href="#">Yxy</a>	<a href="#">14.7958, 0.5559, 0.3496</a>
Android ( <code>android.graphics.Color</code> )	<a href="#">4290658348</a> ( <code>0xFFBE402C</code> )
<a href="#">YUV</a>	<a href="#">99.3940, -27.3092, 79.4615</a>
<a href="#">Hunter-Lab</a>	<a href="#">38.4653, 41.8463, 20.7618</a>

# Details

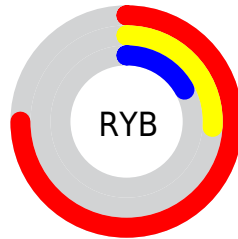
The Hex color **BE402C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2CAABE**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FD765B**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **BE3019**, and if you desaturate by 10%, it is **BE503F**.

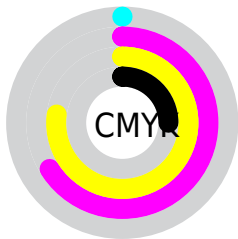
# Distribution



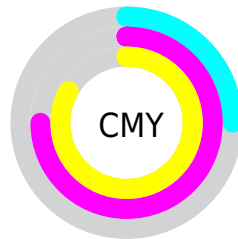
- Red (75%)
- Green (25%)
- Blue (17%)



- Red (75%)
- Yellow (26%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE402C 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 BE402C by changing the saturation by 10% instead.



 BE402C

 BE402C

FFFFFF

 9F2316

 FD765B

 810000

 FF9174

 630000

 FFAD8E

 460000

 FFC9A9

 2A0001

 FFE6C4

 000000

 FFFF00

FFFFFFD

 BE402C

 BE402C

■ BE3019

■ BE503F

■ BE1F06

■ BE6152

■ BE1A00

■ BE7165

■ BE8278

■ BE928B

■ BEA29E

■ BEB3B1

■ BEC3C4

■ BED4D7

# Harmonies

## Analogous

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



C72C5F



BE402C



A05A00

# Triad

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



BE402C



008042



006DD5

# Complementary

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



BE402C



2CAABE

# 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.



007BCE



BE402C



008379

# Square

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



BE402C



3A7A01



0082AC



7E56BF

# Rectangle

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



BE402C



846800



0082AC



0073D6



# Sweetspot

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



BE402C



F7C6BE



BE2CAB



7D5F5A



FCFCFC



7D7D7D



# Same Dimension

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



BE402C



F73314



BE882C



5E5655



9E1600



1F0400



# Inverse Universe

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



2CAABE



14D8F7



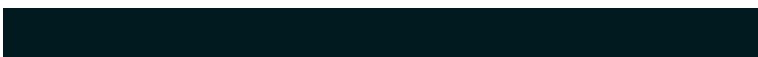
2C62BE



555D5E



00889E

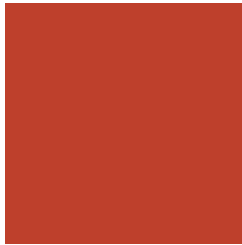


001A1F



# Previews

## White Background



This preview shows how the Hex color BE402C looks on a white background.

## Color Contrast Check

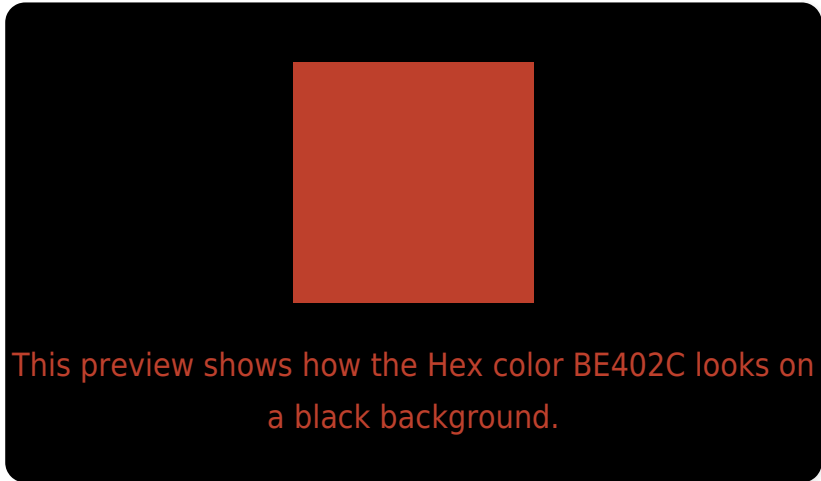
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE402C Background



This preview shows how black text looks on a background with the Hex color BE402C.



This preview shows how white text looks on a background with the Hex color BE402C.

# 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**  
BE402C

**Protanopia**  
776C39

**Deuteranopia**  
876723

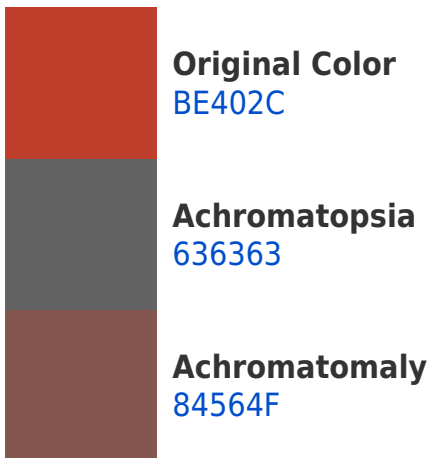


**Tritanopia**  
BF3D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE402C 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 #BE402C looks like.

```
.text, #text, p{  
    color:#BE402C  
}
```

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 #BE402C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE402C
}
```

## Border

The CSS property to change the border of an element to Hex BE402C is called "border". The border property can be set on classes, ids or directly on the HTML element.

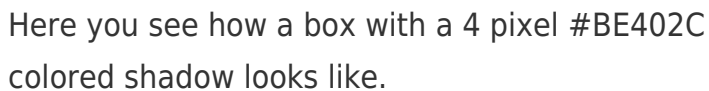
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE402C }
```

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

```
.border{ border-color:#BE402C }
```

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



Here you see how a box with a 4 pixel `#BE402C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE402C; -webkit-box-shadow:4px 4px  
4px 4px #BE402C; box-shadow:4px 4px 4px  
4px #BE402C }
```

# Background

The CSS property to change the background color of an element to Hex BE402C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE402C }
```

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

```
.background{ background-color:#BE402C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor