

# Converting Colors

Hex(BE4923)

Have a look what the booklet for  
Hex(BE4923) contains.

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**Color**

**Hex(BE4923)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4923
RGB	190, 73, 35
RGB Percent	75%, 29%, 14%
CMY	0.2549, 0.7137, 0.8627
CMYK	0.00, 0.62, 0.82, 0.25
HSL	15°, 69%, 44%
HSV	15°, 82%, 75%
XYZ	23.9211, 15.8336, 3.3855
YIQ	103.6510, 81.9300, 12.9860

# Conversions

## Conversions Part 2

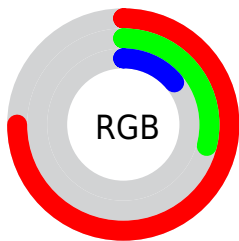
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 85, 35
Decimal	12470563
CIE <sub>Lab</sub>	46.76, 45.19, 45.31
CIE <sub>LCh</sub>	47, 63.989, 45.078
Yxy	15.8336, 0.5545, 0.3670
Android (android.graphics.Color)	4290660643 (0xFFBE4923)
YUV	103.6510, -33.8449, 75.7281
Hunter-Lab	39.7914, 37.6725, 22.8095

# Details

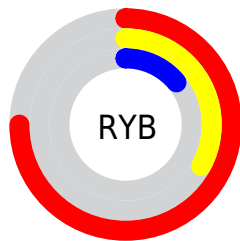
The Hex color **BE4923** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2398BE**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FD7E53**, and **810F00** is the 20% darker color. If you saturate the color by 10%, you get **BE3B10**, and if you desaturate by 10%, it is **BE5736**.

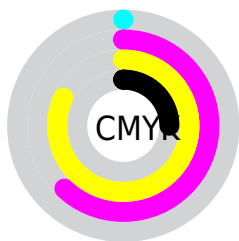
# Distribution



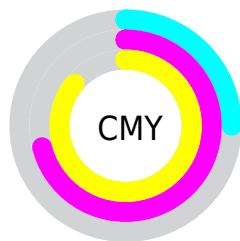
- Red (75%)
- Green (29%)
- Blue (14%)



- Red (75%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (62%)
- Yellow (82%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4923 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 BE4923 by changing the saturation by 10% instead.



 BE4923

 BE4923

FFFFFF

 9F2E0A

 FD7E53

 810F00

 FF996C

 630000

 FFB586

 460000

 FFD1A0

 2C0001

 FFEBC

 000000

 FFFFD8

 FFFFF4

 BE4923

 BE4923

 BE3B10

 BE5736

 BE2F00

 BE6649

 BE745C

 BE826F

 BE9182

 BE9F95

 BEADA8

 BEBCBB

 BECACE

# Harmonies

## Analogous

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



CD3156



BE4923



9C6300

# Triad

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



BE4923



008551



136CD8

# Complementary

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



BE4923



2398BE

# 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.



007DD7



BE4923



008789

# Square

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



BE4923



288017



0085BA



9252BC

# Rectangle

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



BE4923



7E7000



0085BA



0073DB



# Sweetspot

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



BE4923



F7CBBC



BE239A



7D6259



FCFCFC



7D7D7D



# Same Dimension

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



BE4923



F74005



BE9523



5E5755



9E2700



1F0800



# Inverse Universe

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



2398BE



05BCF7



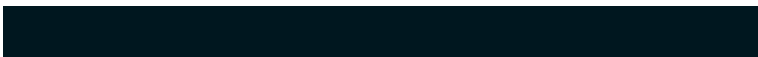
234CBE



555C5E



00779E

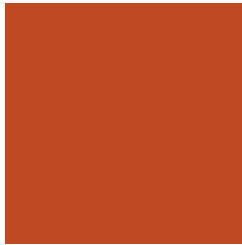


00171F



# Previews

## White Background



This preview shows how the Hex color BE4923 looks on a white background.

## Color Contrast Check

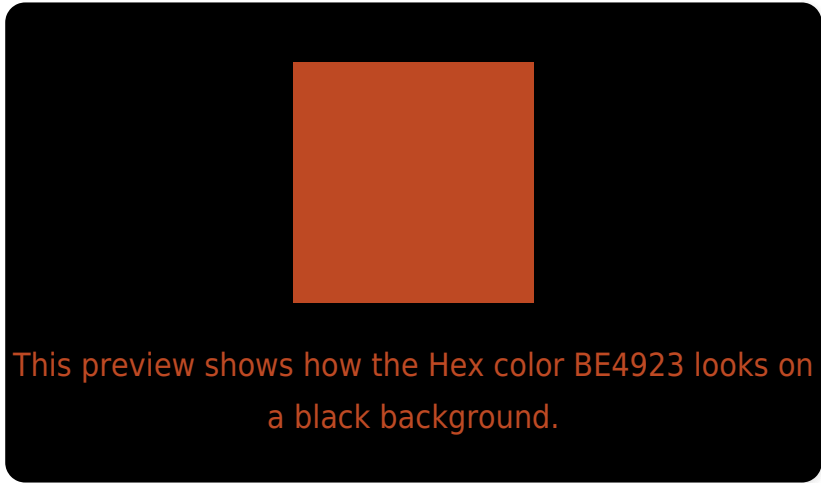
Large Text (above 18pt) WCAG AA ✓ Pass

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

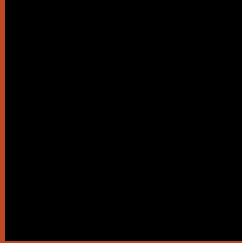
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BE4923 Background



This preview shows how black text looks on a background with the Hex color BE4923.



This preview shows how white text looks on a background with the Hex color BE4923.

# 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



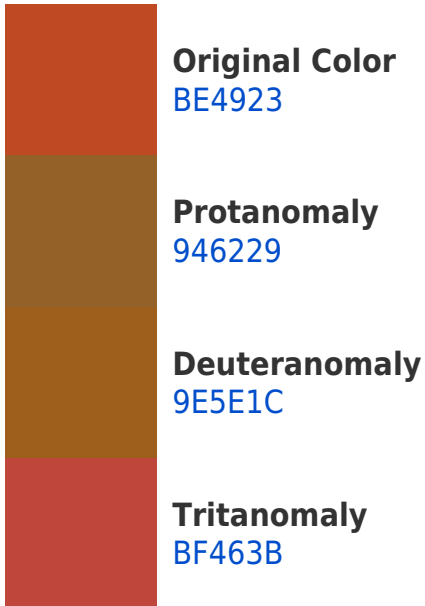
**Original Color**  
BE4923

**Protanopia**  
7C702D

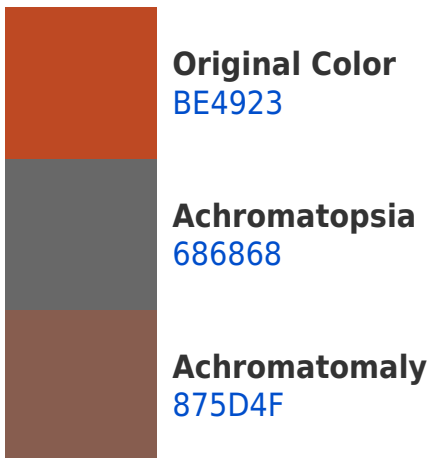
**Deuteranopia**  
8C6A18



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4923 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 #BE4923 looks like.

```
.text, #text, p{  
    color:#BE4923  
}
```

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 #BE4923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4923
}
```

## Border

The CSS property to change the border of an element to Hex BE4923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

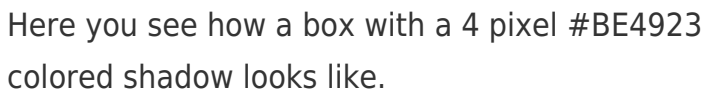
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE4923 }
```

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

```
.border{ border-color:#BE4923 }
```

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

A rectangular box with a 4-pixel 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 #BE4923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4923; -webkit-box-shadow:4px 4px  
4px 4px #BE4923; box-shadow:4px 4px 4px  
4px #BE4923 }
```

# Background

The CSS property to change the background color of an element to Hex BE4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4923 }
```

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

```
.background{ background-color:#BE4923 }
```

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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