

# Converting Colors

Hex(BD542E)

Have a look what the booklet for  
Hex(BD542E) contains.

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# Color

**Hex(BD542E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD542E
RGB	189, 84, 46
RGB Percent	74%, 33%, 18%
CMY	0.2588, 0.6706, 0.8196
CMYK	0.00, 0.56, 0.76, 0.26
HSL	16°, 61%, 46%
HSV	16°, 76%, 74%
XYZ	24.6497, 17.3567, 4.6358
YIQ	111.0630, 74.7780, 10.4420

# Conversions

## Conversions Part 2

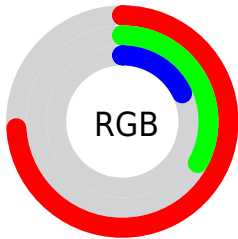
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 98, 46
Decimal	12407854
CIELab	48.71, 39.95, 41.73
CIElCh	49, 57.767, 46.246
Yxy	17.3567, 0.5285, 0.3721
Android (android.graphics.Color)	4290597934 (0xFFBD542E)
YUV	111.0630, -32.0761, 68.3507
Hunter-Lab	41.6614, 32.7054, 22.5656

# Details

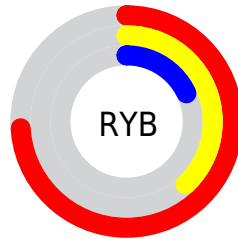
The Hex color **BD542E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2E97BD**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FB885E**, and **812100** is the 20% darker color. If you saturate the color by 10%, you get **BD461B**, and if you desaturate by 10%, it is **BD6241**.

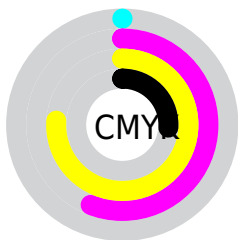
# Distribution



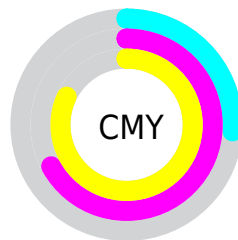
- Red (74%)
- Green (33%)
- Blue (18%)



- Red (74%)
- Yellow (38%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (76%)
- Black (26%)



- Cyan (26%)
- Magenta (67%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD542E 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 BD542E by changing the saturation by 10% instead.



 BD542E

 BD542E

FFFFFF

 9F3B17

 FB885E

 812100

 FFA377

 640000

 FFBF91

 470000

 FFDBAC

 2E0002

 FFF8C8

 000000

 FFFFE4

 BD542E

 BD542E

 BD461B

 BD6241

 BD3808

 BD7054

 BD3200

 BD7E67

 BD8C7A

 BD998D

 BDA79F

 BDB5B2

 BDC3C5

 BDD1D8

# Harmonies

## Analogous

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



CB425B



BD542E



9D6900

# Triad

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



BD542E



00895B



3F70D2

# Complementary

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



BD542E



2E97BD

# 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.



0080D3



BD542E



008A8E

# Square

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



BD542E



36842A



0088BA



975AB8

# Rectangle

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



BD542E



827500



0088BA



0076D5



# Sweetspot

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



BD542E



F5CBBC



BD2E99



7A6158



F9FAFA



7A7A7A



# Same Dimension

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



BD542E



F55116



BD992E



5E5755



9E2A00



1F0800



# Inverse Universe

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



2E97BD



16BAF5



2E52BD



555C5E



00749E

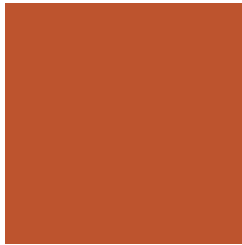


00161F



# Previews

## White Background



This preview shows how the Hex color BD542E looks on a white background.

## Color Contrast Check

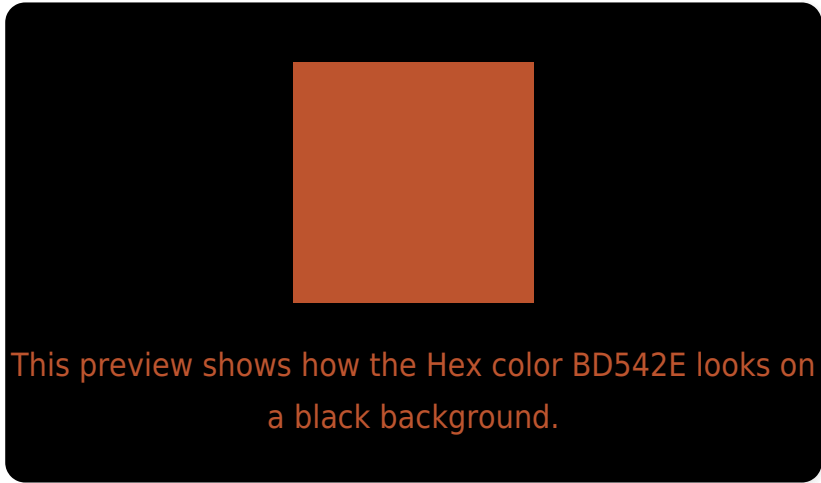
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD542E Background



This preview shows how black text looks on a background with the Hex color BD542E.



This preview shows how white text looks on a background with the Hex color BD542E.

# 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



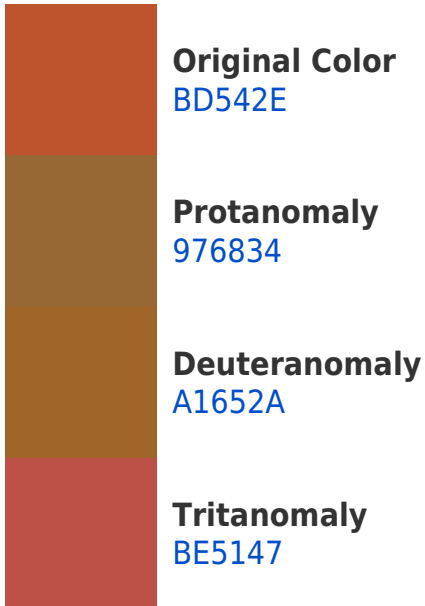
**Original Color**  
BD542E

**Protanopia**  
817438

**Deuteranopia**  
916E27



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD542E 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 #BD542E looks like.

```
.text, #text, p{  
    color:#BD542E  
}
```

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 #BD542E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD542E
}
```

## Border

The CSS property to change the border of an element to Hex BD542E is called "border". The border property can be set on classes, ids or directly on the HTML element.

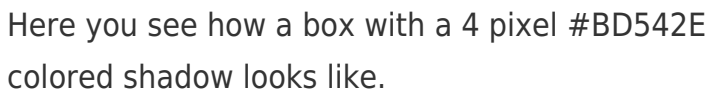
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD542E }
```

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

```
.border{ border-color:#BD542E }
```

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, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BD542E colored shadow looks like."

Here you see how a box with a 4 pixel #BD542E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD542E; -webkit-box-shadow:4px 4px  
4px 4px #BD542E; box-shadow:4px 4px 4px  
4px #BD542E }
```

# Background

The CSS property to change the background color of an element to Hex BD542E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD542E }
```

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

```
.background{ background-color:#BD542E }
```

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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