

# Converting Colors

Hex(B6552E)

Have a look what the booklet for  
Hex(B6552E) contains.

<b>Hex(B6552E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B6552E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6552E
RGB	182, 85, 46
RGB Percent	71%, 33%, 18%
CMY	0.2863, 0.6667, 0.8196
CMYK	0.00, 0.53, 0.75, 0.29
HSL	17°, 60%, 45%
HSV	17°, 75%, 71%
XYZ	23.0330, 16.6393, 4.5825
YIQ	109.5570, 70.3310, 8.4350

# Conversions

## Conversions Part 2

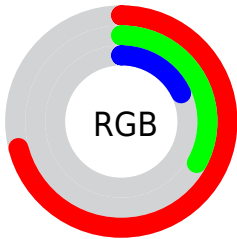
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 101, 46
Decimal	11949358
CIE <sub>Lab</sub>	47.80, 36.72, 40.44
CIE <sub>LCh</sub>	48, 54.618, 47.760
Yxy	16.6393, 0.5205, 0.3760
Android (android.graphics.Color)	4290139438 (0xFFB6552E)
YUV	109.5570, -31.3336, 63.5325
Hunter-Lab	40.7913, 29.4061, 21.8933

# Details

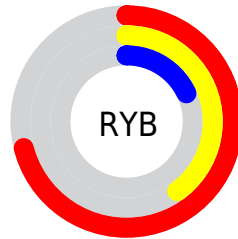
The Hex color **B6552E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2E8FB6**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F3895E**, and **7B2300** is the 20% darker color. If you saturate the color by 10%, you get **B6481C**, and if you desaturate by 10%, it is **B66240**.

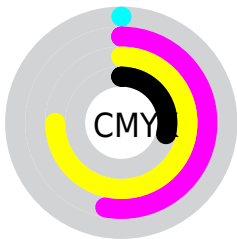
# Distribution



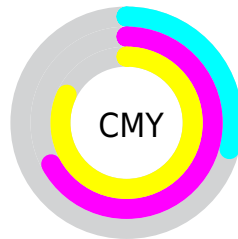
- Red (71%)
- Green (33%)
- Blue (18%)



- Red (71%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6552E 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 B6552E by changing the saturation by 10% instead.



 B6552E

 B6552E

FFFFFF

 983C17

 F3895E

 7B2300

 FFA477

 5E0600

 FFBF91

 410000

 FFDCAC


 280001

 FFF8C8

 000000

 FFFFE4

 B6552E

 B6552E

 B6481C

 B66240

 B63B0A

 B66F52

 B63400

 B67C65

 B68977

 B69689

 B6A39B

 B6B0AD

 B6BDC0

 B6CAD2

# Harmonies

## Analogous

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



C44558



B6552E



986807

# Triad

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



B6552E



00865C



496DCA

# Complementary

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



B6552E



2E8FB6

# 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.



007CCC



B6552E



00878C

# Square

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



B6552E



35812F



0084B5



9658B0

# Rectangle

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



B6552E



7D7300



0084B5



0073CD



# Sweetspot

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



B6552E



EDC8B9



B62E8F



786259



F7F7F7



787878



# Same Dimension

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



B6552E



ED5518



B6992E



5C5553



9C2D00



1C0800



# Inverse Universe

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



2E8FB6



18B0ED



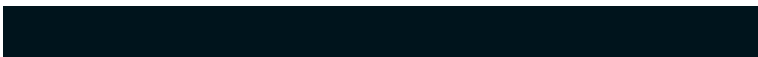
2E4BB6



53595C



006F9C

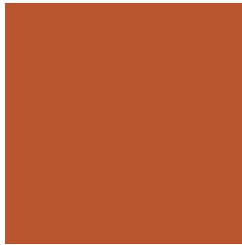


00141C



# Previews

## White Background



This preview shows how the Hex color B6552E looks on a white background.

## Color Contrast Check

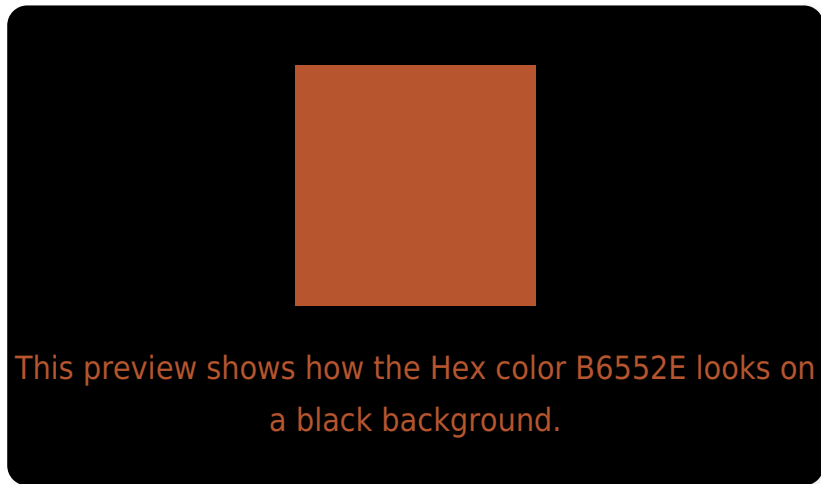
Large Text (above 18pt) WCAG AA ✓ Pass

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

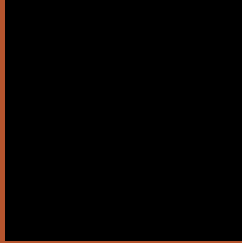
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B6552E Background



This preview shows how black text looks on a background with the Hex color B6552E.



This preview shows how white text looks on a background with the Hex color B6552E.

# 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**  
B6552E

**Protanopia**  
7E7237

**Deuteranopia**  
8E6C28



**Tritanopia**  
B85056

# Trichromacy



**Original Color**  
B6552E

**Protanomaly**  
926734

**Deuteranomaly**  
9D642A

**Tritanomaly**  
B75247

# Monochromacy



**Original Color**  
B6552E

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
886557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6552E 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 #B6552E looks like.

```
.text, #text, p{  
  color:#B6552E  
}
```

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 #B6552E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6552E
}
```

## Border

The CSS property to change the border of an element to Hex B6552E is called "border". The border property can be set on classes, ids or directly on the HTML element.

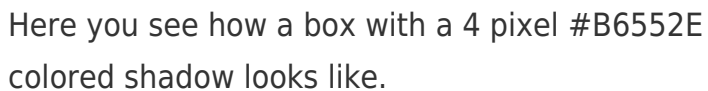
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6552E }
```

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

```
.border{ border-color:#B6552E }
```

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 darker orange color and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B6552E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6552E; -webkit-box-shadow:4px 4px  
4px 4px #B6552E; box-shadow:4px 4px 4px  
4px #B6552E }
```

# Background

The CSS property to change the background color of an element to Hex B6552E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6552E }
```

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

```
.background{ background-color:#B6552E }
```

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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