

# Converting Colors

Hex(B8563E)

Have a look what the booklet for  
Hex(B8563E) contains.

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# Color

Hex(B8563E)

# Conversions

## Conversions Part 1

Format	Color
Hex	B8563E
RGB	184, 86, 62
RGB Percent	72%, 34%, 24%
CMY	0.2784, 0.6627, 0.7569
CMYK	0.00, 0.53, 0.66, 0.28
HSL	12°, 50%, 48%
HSV	12°, 66%, 72%
XYZ	23.9645, 17.1937, 6.6131
YIQ	112.5660, 66.1120, 13.3120

# Conversions

## Conversions Part 2

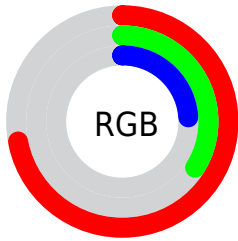
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">184, 92, 62</a>
Decimal	<a href="#">12080702</a>
CIELab	<a href="#">48.50, 37.84, 32.60</a>
CIElCh	<a href="#">49, 49.946, 40.741</a>
Yxy	<a href="#">17.1937, 0.5017, 0.3599</a>
Android (android.graphics.Color)	<a href="#">4290270782 (0xFFB8563E)</a>
YUV	<a href="#">112.5660, -24.9290, 62.6476</a>
Hunter-Lab	<a href="#">41.4653, 30.5979, 19.5699</a>

# Details

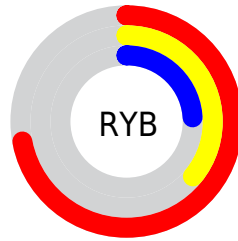
The Hex color **B8563E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3EA0B8**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F58A6E**, and **7D2312** is the 20% darker color. If you saturate the color by 10%, you get **B8472C**, and if you desaturate by 10%, it is **B86550**.

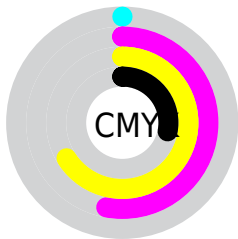
# Distribution



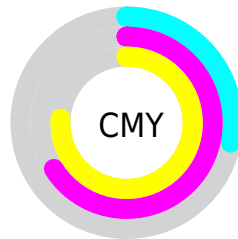
- Red (72%)
- Green (34%)
- Blue (24%)



- Red (72%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (66%)
- Black (28%)



- Cyan (28%)
- Magenta (66%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8563E 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 B8563E by changing the saturation by 10% instead.



 B8563E

 B8563E

FFFFFF

 9A3D27

 F58A6E

 7D2312

 FFA588

 610500

 FFC1A2

 440000

 FFDDBD

 2C0001

 FFFAD9

 000000

 FFFFF6

 B8563E

 B8563E

 B8472C

 B86550

 B83819

 B87463

 B82A07

 B88275

 B82400

 B89188

 B8A09A

 B8AFAC

 B8BDBF

 B8CCD1

 B8DBE4

# Harmonies

## Analogous

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



C04B66



B8563E



9F671F

# Triad

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



B8563E



008656



3973C6

# Complementary

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



B8563E



3EA0B8

# 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.



007FC3



B8563E



008782

# Square

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



B8563E



4C802F



0086A9



8961B4

# Rectangle

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



B8563E



887114



0086A9



0078C8



# Sweetspot

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



B8563E



F0C9C0



B83EA2



78615B



F7F7F7



787878



# Same Dimension

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



B8563E



F05630



B8913E



5C5453



9C1F00



1C0600



# Inverse Universe

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



3EA0B8



30CAF0



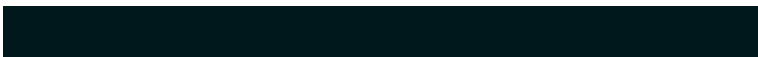
3E65B8



535A5C



007D9C

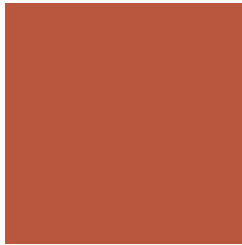


00171C



# Previews

## White Background



This preview shows how the Hex color B8563E looks on a white background.

## Color Contrast Check

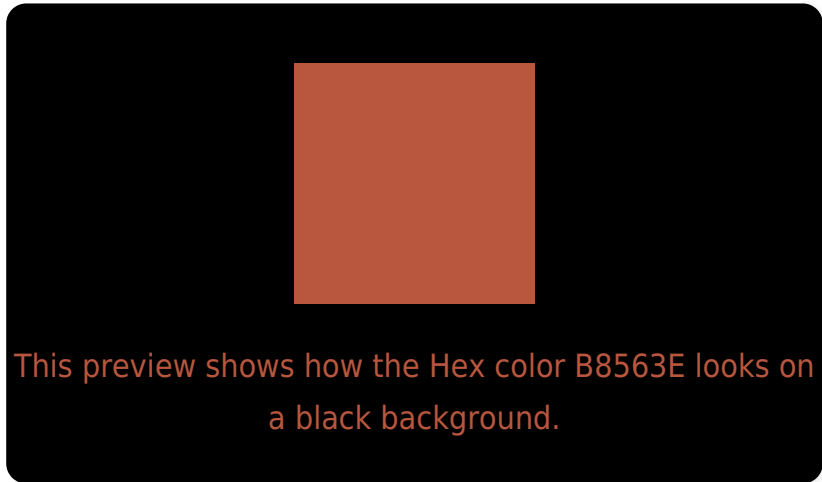
Large Text (above 18pt) WCAG AA ✓ Pass

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 B8563E Background



This preview shows how black text looks on a background with the Hex color B8563E.

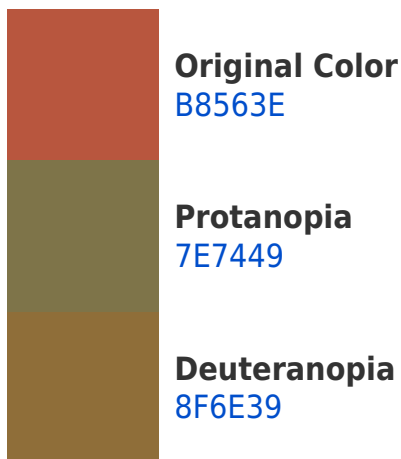



This preview shows how white text looks on a background with the Hex color B8563E.

# 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





**Tritanopia**  
B95358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8563E 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 #B8563E looks like.

```
.text, #text, p{  
    color:#B8563E  
}
```

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 #B8563E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8563E
}
```

## Border

The CSS property to change the border of an element to Hex B8563E is called "border". The border property can be set on classes, ids or directly on the HTML element.

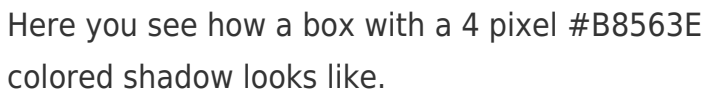
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8563E }
```

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

```
.border{ border-color:#B8563E }
```

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



Here you see how a box with a 4 pixel #B8563E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8563E; -webkit-box-shadow:4px 4px  
4px 4px #B8563E; box-shadow:4px 4px 4px  
4px #B8563E }
```

# Background

The CSS property to change the background color of an element to Hex B8563E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8563E }
```

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

```
.background{ background-color:#B8563E }
```

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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