

# Converting Colors

Hex(BE553E)

Have a look what the booklet for  
Hex(BE553E) contains.

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# Color

Hex(**BE553E**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE553E
RGB	190, 85, 62
RGB Percent	75%, 33%, 24%
CMY	0.2549, 0.6667, 0.7569
CMYK	0.00, 0.55, 0.67, 0.25
HSL	11°, 51%, 49%
HSV	11°, 67%, 75%
XYZ	25.3532, 17.7919, 6.6554
YIQ	113.7730, 69.9630, 15.1070

# Conversions

## Conversions Part 2

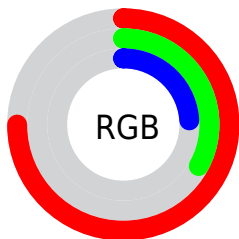
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 90, 62
Decimal	12473662
CIE <sub>Lab</sub>	49.24, 40.64, 33.70
CIE <sub>LCh</sub>	49, 52.799, 39.669
Yxy	17.7919, 0.5091, 0.3573
Android (android.graphics.Color)	4290663742 (0xFFBE553E)
YUV	113.7730, -25.5241, 66.8511
Hunter-Lab	42.1805, 33.4741, 20.1714

# Details

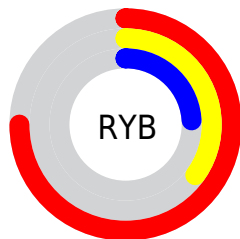
The Hex color **BE553E** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3EA7BE**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FB896E**, and **832112** is the 20% darker color. If you saturate the color by 10%, you get **BE452B**, and if you desaturate by 10%, it is **BE6551**.

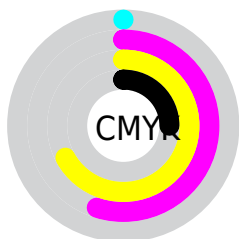
# Distribution



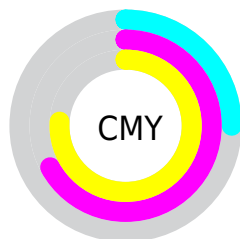
- Red (75%)
- Green (33%)
- Blue (24%)



- Red (75%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE553E 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 BE553E by changing the saturation by 10% instead.



 BE553E

 BE553E

FFFFFF

 A03B27

 FB896E

 832112

 FFA588

 660000

 FFC0A2

 490000

 FFDDBD

 300002

 FFFAD9

 000000

 FFFFF6

 BE553E

 BE553E

 BE452B

 BE6551

 BE3618

 BE7464

 BE2605

 BE8477

 BE2200

 BE938A

 BEA39D

 BEB3B0

 BEC2C3

 BED2D6

 BEE1E9

# Harmonies

## Analogous

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



C64968



BE553E



A4681B

# Triad

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



BE553E



008854



2D75CE

# Complementary

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



BE553E



3EA7BE

# 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.



0082C9



BE553E



008A83

# Square

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



BE553E



4D822A



0089AD



8A63BA

# Rectangle

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



BE553E



8C730C



0089AD



007ACF



# Sweetspot

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



BE553E



F7CFC6



BE3EA9



7D645F



FCFCFC



7D7D7D



# Same Dimension

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



BE553E



F7532F



BE933E



5E5755



9E1C00



1F0500



# Inverse Universe

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



3EA7BE



2FD3F7



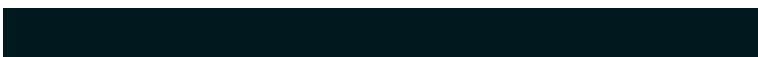
3E69BE



555D5E



00829E

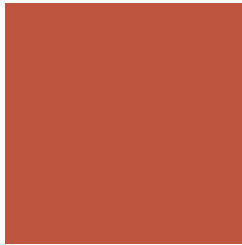


00191F



# Previews

## White Background



This preview shows how the Hex color BE553E looks on a white background.

## Color Contrast Check

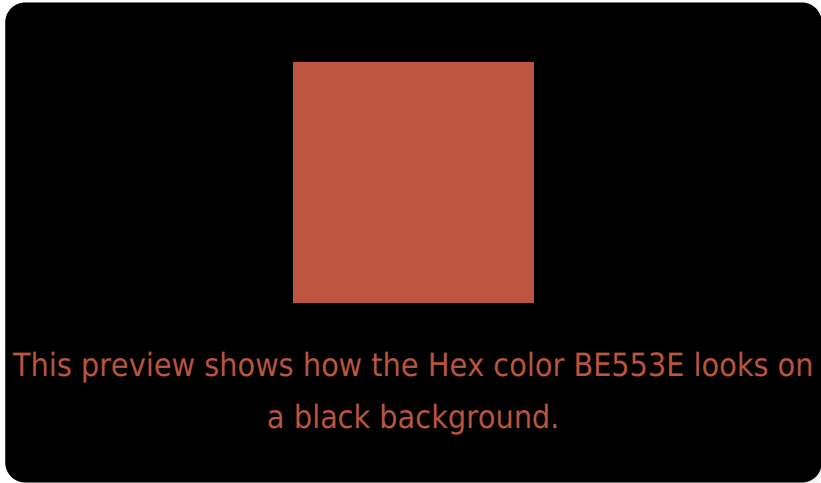
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE553E Background



This preview shows how black text looks on a background with the Hex color BE553E.

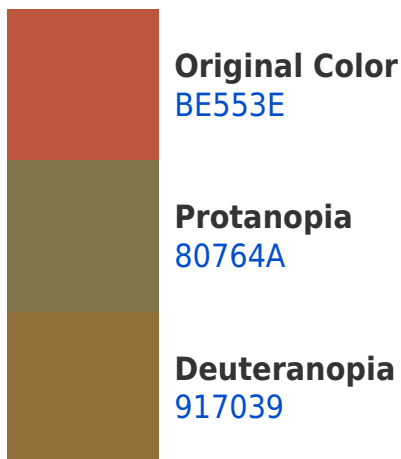


This preview shows how white text looks on a background with the Hex color BE553E.

# Color Blindness Simulation

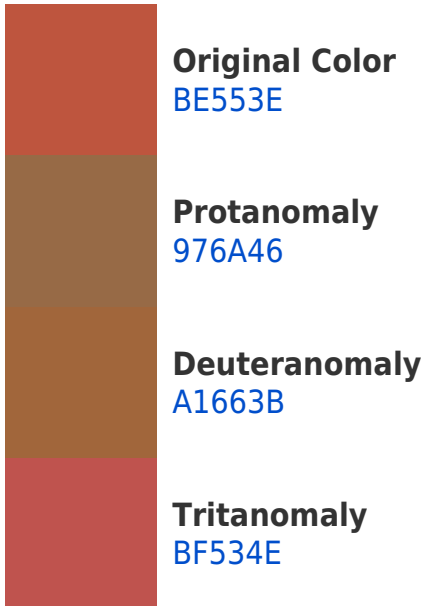
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE553E 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 #BE553E looks like.

```
.text, #text, p{  
    color:#BE553E  
}
```

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 #BE553E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE553E
}
```

## Border

The CSS property to change the border of an element to Hex BE553E is called "border". The border property can be set on classes, ids or directly on the HTML element.

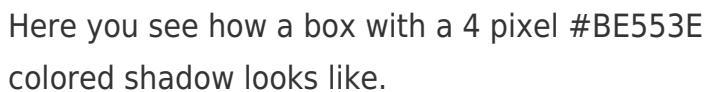
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE553E }
```

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

```
.border{ border-color:#BE553E }
```

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



Here you see how a box with a 4 pixel #BE553E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE553E; -webkit-box-shadow:4px 4px  
4px 4px #BE553E; box-shadow:4px 4px 4px  
4px #BE553E }
```

# Background

The CSS property to change the background color of an element to Hex BE553E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE553E }
```

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

```
.background{ background-color:#BE553E }
```

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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