

Converting Colors

Hex(B7663F)

Have a look what the booklet for
Hex(B7663F) contains.

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Color

Hex(B7663F)

Conversions

Conversions Part 1

Format	Color
Hex	B7663F
RGB	183, 102, 63
RGB Percent	72%, 40%, 25%
CMY	0.2824, 0.6000, 0.7529
CMYK	0.00, 0.44, 0.66, 0.28
HSL	20°, 49%, 48%
HSV	20°, 66%, 72%
XYZ	25.1770, 19.9289, 7.2223
YIQ	121.7730, 60.7950, 5.0430

Conversions

Conversions Part 2

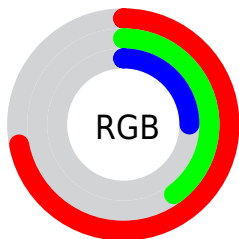
Format	Color
R _{YB}	183, 121, 63
Decimal	12019263
CIE Lab	51.76, 29.06, 35.86
CIE LCh	52, 46.157, 50.983
Yxy	19.9289, 0.4811, 0.3808
Android (android.graphics.Color)	4290209343 (0xFFB7663F)
YUV	121.7730, -28.9751, 53.6961
Hunter-Lab	44.6418, 22.5470, 21.6571

Details

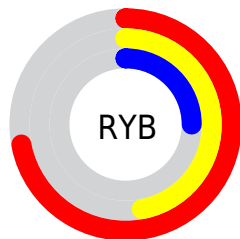
The Hex color **B7663F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3F90B7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F39A70**, and **7D3511** is the 20% darker color. If you saturate the color by 10%, you get **B75A2D**, and if you desaturate by 10%, it is **B77251**.

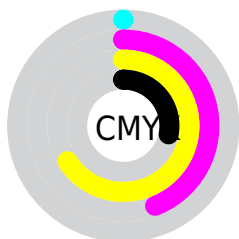
Distribution



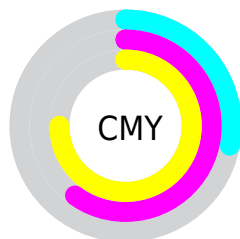
- Red (72%)
- Green (40%)
- Blue (25%)



- Red (72%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (44%)
- Yellow (66%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7663F 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 B7663F by changing the saturation by 10% instead.

 B7663F

 B7663F

FFFFFF

 9A4D28

 F39A70

 7D3511

 FF58A

 611E00

 FFD1A4

 450500

 FFEDC0

 2D0000

 FFFFDC

 000000

 FFFFF8

 B7663F

 B7663F

 B75A2D

 B77251

 B74D1A

 B77F64

 B74108

 B78B76

 B73B00

 B79788

 B7A49B

 B7B0AD

 B7BCBF

 B7C9D1

 B7D5E4

Harmonies

Analogous

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



C45A61



B7663F



9B752A

Triad

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



B7663F



008E6E



6976C5

Complementary

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



B7663F



3F90B7

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.



0083C9



B7663F



008F96

Square

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



B7663F



468A47



008BB8



A066AE

Rectangle

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



B7663F



847E28



008BB8



4E7BC9

Sweetspot

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



B7663F



EDCDBE



B73F91



78645B



F7F7F7



787878

Same Dimension

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



B7663F



ED6F32



B7A13F



5C5653



9C3300



1C0900

Inverse Universe

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



3F90B7



32B0ED



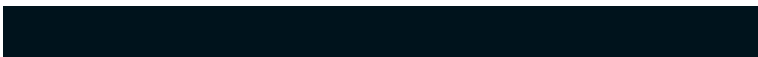
3F55B7



53595C



00699C



00131C

Previews

White Background



This preview shows how the Hex color B7663F looks on a white background.

Color Contrast Check

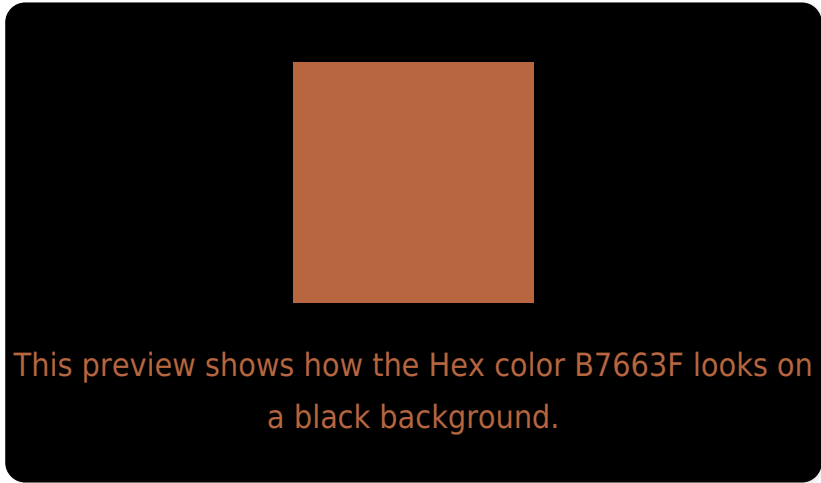
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 B7663F Background



This preview shows how black text looks on a background with the Hex color B7663F.



This preview shows how white text looks on a background with the Hex color B7663F.

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
B7663F

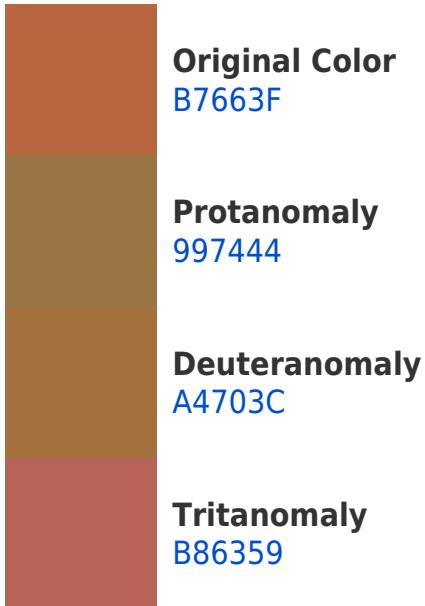
Protanopia
887C47

Deuteranopia
99763B

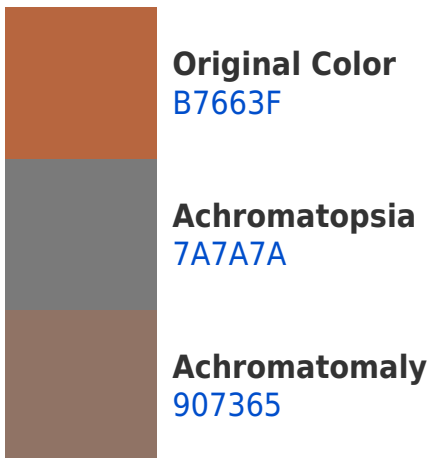


Tritanopia
B96168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7663F 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 #B7663F looks like.

```
.text, #text, p{  
    color:#B7663F  
}
```

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 #B7663F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7663F
}
```

Border

The CSS property to change the border of an element to Hex B7663F is called "border". The border property can be set on classes, ids or directly on the HTML element.

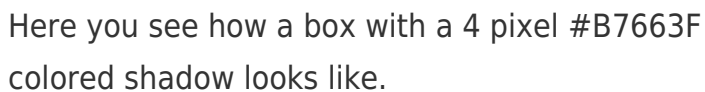
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7663F }
```

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

```
.border{ border-color:#B7663F }
```

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, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B7663F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7663F; -webkit-box-shadow:4px 4px  
4px 4px #B7663F; box-shadow:4px 4px 4px  
4px #B7663F }
```

Background

The CSS property to change the background color of an element to Hex B7663F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7663F }
```

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

```
.background{ background-color:#B7663F }
```

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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