

Converting Colors

Hex(B4713F)

Have a look what the booklet for
Hex(B4713F) contains.

Hex(B4713F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4713F)

Conversions

Conversions Part 1

Format	Color
Hex	B4713F
RGB	180, 113, 63
RGB Percent	71%, 44%, 25%
CMY	0.2941, 0.5569, 0.7529
CMYK	0.00, 0.37, 0.65, 0.29
HSL	26°, 48%, 48%
HSV	26°, 65%, 71%
XYZ	25.6247, 21.8724, 7.5739
YIQ	127.3330, 55.9820, -1.3460

Conversions

Conversions Part 2

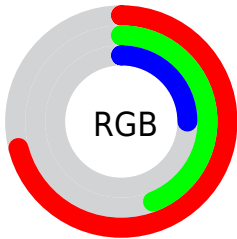
Format	Color
R_{YB}	180, 150, 63
Decimal	11825471
CIE Lab	53.89, 21.75, 38.25
CIE LCh	54, 44.001, 60.376
Yxy	21.8724, 0.4653, 0.3972
Android (android.graphics.Color)	4290015551 (0xFFB4713F)
YUV	127.3330, -31.7162, 46.1890
Hunter-Lab	46.7680, 15.9583, 23.1358

Details

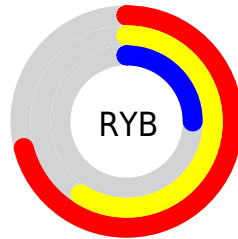
The Hex color **B4713F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F82B4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **EFA570**, and **7B4010** is the 20% darker color. If you saturate the color by 10%, you get **B4672D**, and if you desaturate by 10%, it is **B47B51**.

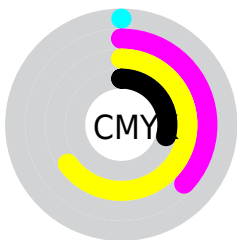
Distribution



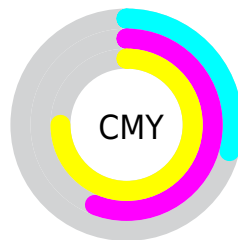
- Red (71%)
- Green (44%)
- Blue (25%)



- Red (71%)
- Yellow (59%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4713F 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 B4713F by changing the saturation by 10% instead.

 B4713F

 B4713F

FFFFFF

 975827

 EFA570

 7B4010

 FFC08A

 5F2A00

 FFDCA5

 441400

 FFF9C0

 2B0000

 FFFFDC

 000000

 FFFFF9

 B4713F

 B4713F

 B4672D

 B47B51

 B45C1B

 B48663

 B45209

 B49075

 B44D00

 B49A87

 B4A599

 B4AFAB

 B4B9BD

 B4C3CF

 B4CEE1

Harmonies

Analogous

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



C5645D



B4713F



967F32

Triad

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



B4713F



009480



8377C2

Complementary

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



B4713F



3F82B4

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.



3685CD



B4713F



0093A6

Square

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



B4713F



3D915A



008EC2



B068A7

Rectangle

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



B4713F



7D8736



008EC2



6F7CC8

Sweetspot

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



B4713F



EBD0BC



B43F83



756559



F5F5F5



757575

Same Dimension

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



B4713F



EB8234



B4AA3F



595450



994100



1A0B00

Inverse Universe

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



3F82B4



349CEB



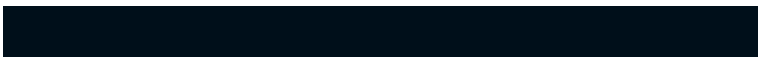
3F49B4



505559



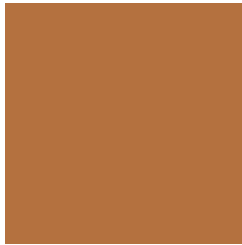
005899



000F1A

Previews

White Background



This preview shows how the Hex color B4713F looks on a white background.

Color Contrast Check

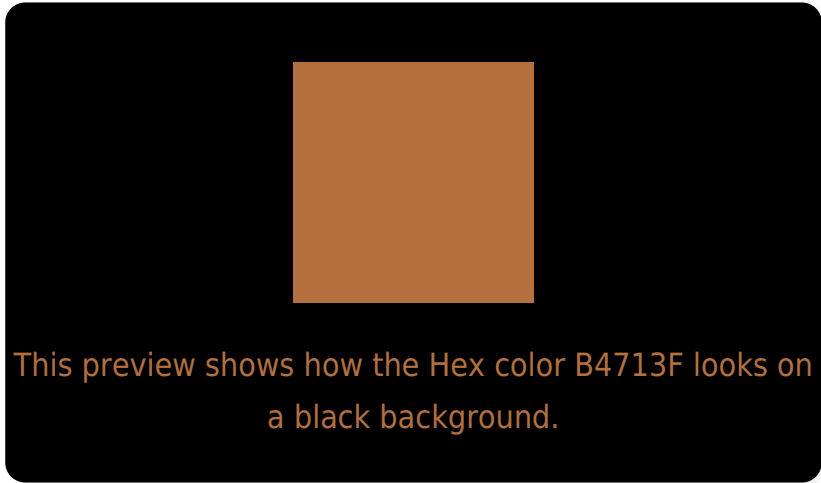
Large Text (above 18pt) WCAG AA ✓ Pass

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

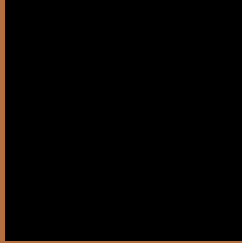
Any Text WCAG AA ✓ Pass

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 B4713F Background



This preview shows how black text looks on a background with the Hex color B4713F.



This preview shows how white text looks on a background with the Hex color B4713F.

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
B4713F

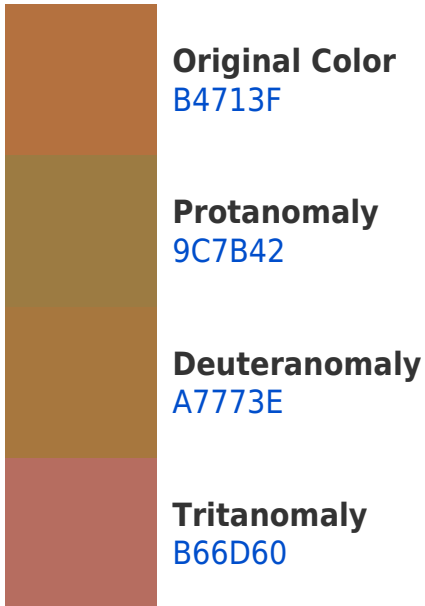
Protanopia
8E8144

Deuteranopia
A07B3D

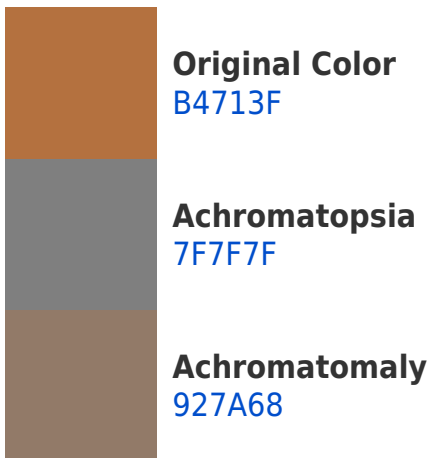


Tritanopia
B76B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4713F 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 #B4713F looks like.

```
.text, #text, p{  
    color:#B4713F  
}
```

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 #B4713F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4713F
}
```

Border

The CSS property to change the border of an element to Hex B4713F is called "border". The border property can be set on classes, ids or directly on the HTML element.

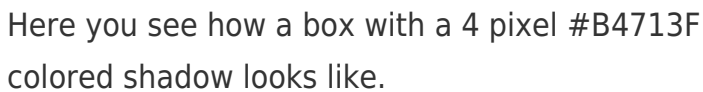
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4713F }
```

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

```
.border{ border-color:#B4713F }
```

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 #B4713F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4713F; -webkit-box-shadow:4px 4px  
4px 4px #B4713F; box-shadow:4px 4px 4px  
4px #B4713F }
```

Background

The CSS property to change the background color of an element to Hex B4713F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4713F }
```

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

```
.background{ background-color:#B4713F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor