

Converting Colors

Hex(B5735F)

Have a look what the booklet for
Hex(B5735F) contains.

Hex(B5735F)	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(B5735F)

Conversions

Conversions Part 1

Format	Color
Hex	B5735F
RGB	181, 115, 95
RGB Percent	71%, 45%, 37%
CMY	0.2902, 0.5490, 0.6275
CMYK	0.00, 0.36, 0.48, 0.29
HSL	14°, 37%, 54%
HSV	14°, 48%, 71%
XYZ	27.2523, 22.9114, 13.8125
YIQ	132.4540, 45.7560, 7.7720

Conversions

Conversions Part 2

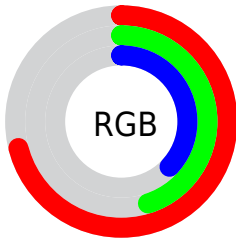
Format	Color
RYB	181, 121, 95
Decimal	11891551
CIELab	54.98, 23.75, 21.89
CIElCh	55, 32.300, 42.662
Yxy	22.9114, 0.4260, 0.3581
Android (android.graphics.Color)	4290081631 (0xFFB5735F)
YUV	132.4540, -18.4648, 42.5748
Hunter-Lab	47.8659, 17.8633, 16.3971

Details

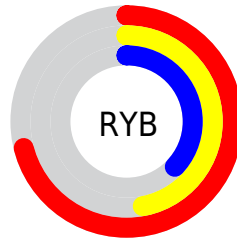
The Hex color **B5735F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5FA1B5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EFA792**, and **7D4231** is the 20% darker color. If you saturate the color by 10%, you get **B5654D**, and if you desaturate by 10%, it is **B58171**.

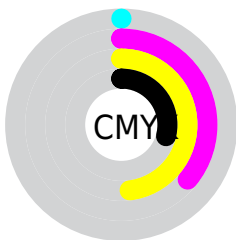
Distribution



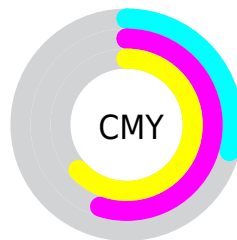
- Red (71%)
- Green (45%)
- Blue (37%)



- Red (71%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5735F 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 B5735F by changing the saturation by 10% instead.

 B5735F

 B5735F

FFFFFF

 995A47

 EFA792

 7D4231

 FFC3AC

 622B1B

 FFDFC8

 481402

 FFFCE4

 2F0000

 060000

 000000

 B5735F

 B5735F

 B5654D

 B58171

 B5573B

 B58F83

 B54929

 B59D95

 B53B17

 B5ABA7

 B52E05

 B5B8BA

 B52A00

 B5C6CC

 B5D4DE

 B5E2F0

 B5F0FF

Harmonies

Analogous

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



BA6E79



B5735F



A47C4E

Triad

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



B5735F



479172



6E82BA

Complementary

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



B5735F



5FA1B5

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.



3C8BB8



B5735F



19938F

Square

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



B5735F



6B8D59



0091A9



9678AD

Rectangle

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



B5735F



93834B



0091A9



5E86BB

Sweetspot

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



B5735F



EBD1CA



B55FA2



756661



F5F5F5



757575

Same Dimension

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



B5735F



EB8465



B59D5F



595250



992400



1A0600

Inverse Universe

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



5FA1B5



65CCEB



5F77B5



505759



007599



00141A

Previews

White Background



This preview shows how the Hex color B5735F looks on a white background.

Color Contrast Check

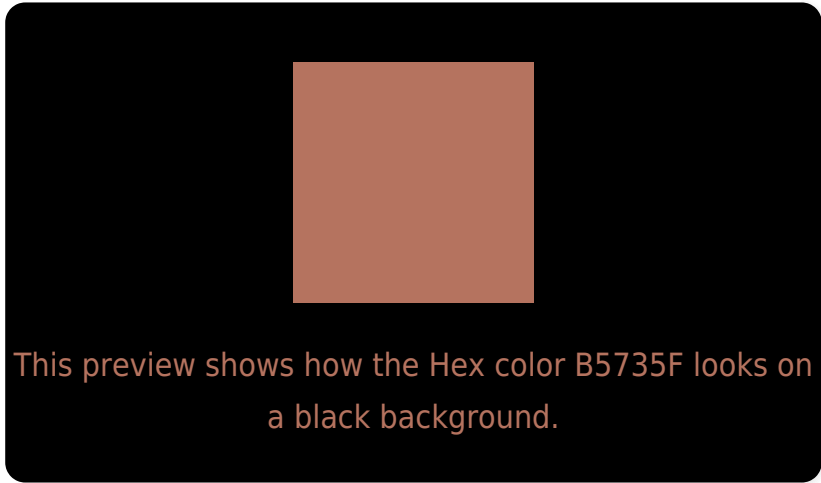
Large Text (above 18pt) WCAG AA ✓ Pass

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

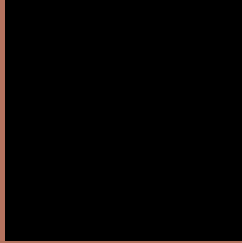
Any Text WCAG AA ✓ Pass

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 B5735F Background



This preview shows how black text looks on a background with the Hex color B5735F.



This preview shows how white text looks on a background with the Hex color B5735F.

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
B77078

Trichromacy



Original Color
B5735F

Protanomaly
9C7E63

Deuteranomaly
A67A5E

Tritanomaly
B6716F

Monochromacy



Original Color
B5735F

Achromatopsia
848484

Achromatomaly
967E77

CSS Examples

Text

The CSS property to change the color of the text to Hex B5735F 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 #B5735F looks like.

```
.text, #text, p{  
    color:#B5735F  
}
```

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 #B5735F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5735F
}
```

Border

The CSS property to change the border of an element to Hex B5735F 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
#B5735F }
```

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

```
.border{ border-color:#B5735F }
```

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

Here you see how a box with a 4 pixel #B5735F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5735F; -webkit-box-shadow:4px 4px  
4px 4px #B5735F; box-shadow:4px 4px 4px  
4px #B5735F }
```

Background

The CSS property to change the background color of an element to Hex B5735F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5735F }
```

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

```
.background{ background-color:#B5735F }
```

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