

Converting Colors

Hex(B9763D)

Have a look what the booklet for
Hex(B9763D) contains.

Hex(B9763D)	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(B9763D)

Conversions

Conversions Part 1

Format	Color
Hex	B9763D
RGB	185, 118, 61
RGB Percent	73%, 46%, 24%
CMY	0.2745, 0.5373, 0.7608
CMYK	0.00, 0.36, 0.67, 0.27
HSL	28°, 50%, 48%
HSV	28°, 67%, 73%
XYZ	27.3283, 23.6081, 7.5313
YIQ	131.5350, 58.2290, -3.5230

Conversions

Conversions Part 2

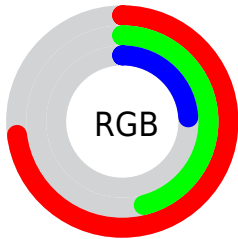
Format	Color
R_{YB}	185, 166, 61
Decimal	12154429
CIE _{Lab}	55.69, 20.99, 41.51
CIE _{LCh}	56, 46.515, 63.178
Yxy	23.6081, 0.4674, 0.4038
Android (android.graphics.Color)	4290344509 (0xFFB9763D)
YUV	131.5350, -34.7738, 46.8888
Hunter-Lab	48.5881, 15.3678, 24.8215

Details

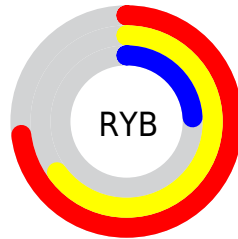
The Hex color **B9763D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D80B9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F5AA6F**, and **7F450C** is the 20% darker color. If you saturate the color by 10%, you get **B96C2B**, and if you desaturate by 10%, it is **B98050**.

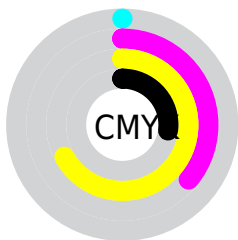
Distribution



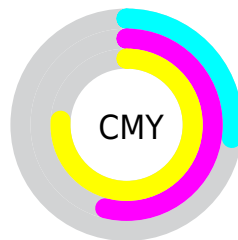
- Red (73%)
- Green (46%)
- Blue (24%)



- Red (73%)
- Yellow (65%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9763D 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 B9763D by changing the saturation by 10% instead.

 B9763D

 B9763D

FFFFFF

 9C5D25

 F5AA6F

 7F450C

 FFC689

 642E00

 FFE2A3

 481800

 FFFFBF

 2E0300

 FFFFDB

 060000

 FFFFF8

 000000

 B9763D

 B9763D

 B96C2B

 B98050

 B96218

 B98A62

 B95806

 B99475

 B95500

 B99E87

 B9A89A

 B9B2AC

 B9BCBF

 B9C6D1

 B9D0E4

Harmonies

Analogous

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



CD685B



B9763D



988530

Triad

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



B9763D



009989



8D79C9

Complementary

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



B9763D



3D80B9

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.



3E88D6



B9763D



0099B0

Square

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



B9763D



35975F



0093CD



BA69AB

Rectangle

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



B9763D



7D8D37



0093CD



787FD0

Sweetspot

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



B9763D



F0D6C0



B93D81



78685B



F7F7F7



787878

Same Dimension

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



B9763D



F08830



B9B33D



5C5753



9C4800



1C0D00

Inverse Universe

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



3D80B9



3098F0



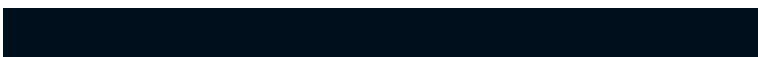
3D43B9



53585C



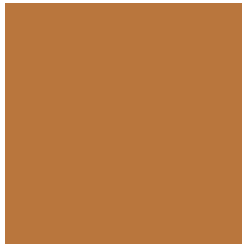
00549C



000F1C

Previews

White Background



This preview shows how the Hex color B9763D looks on a white background.

Color Contrast Check

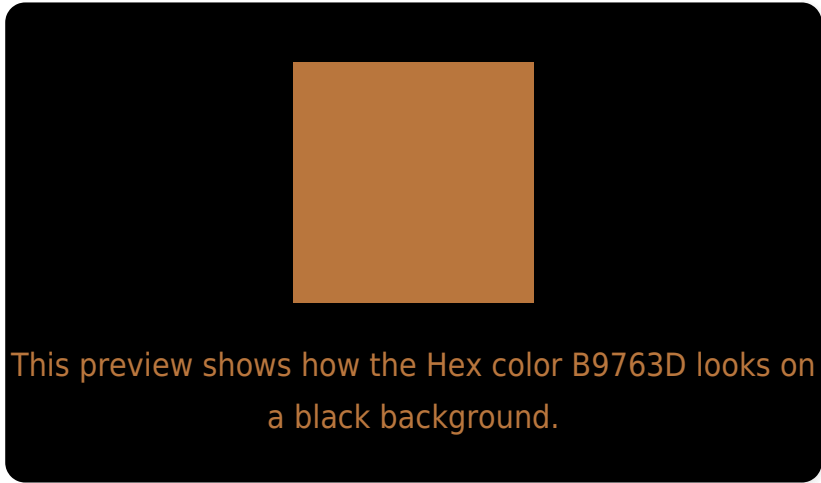
Large Text (above 18pt) WCAG AA ✓ Pass

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

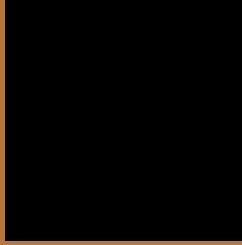
Any Text WCAG AA ✓ Pass

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 B9763D Background



This preview shows how black text looks on a background with the Hex color B9763D.



This preview shows how white text looks on a background with the Hex color B9763D.

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
B9763D

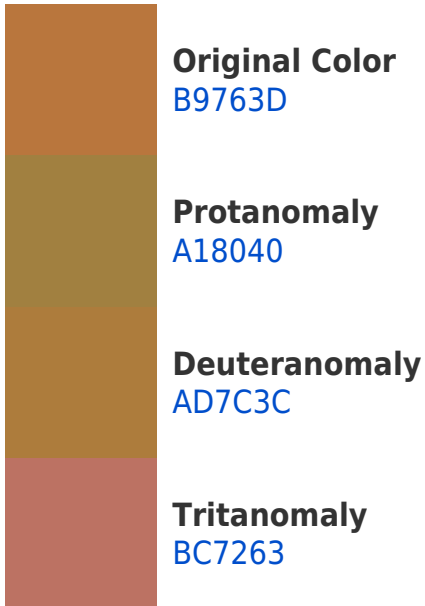
Protanopia
948642

Deuteranopia
A67F3B

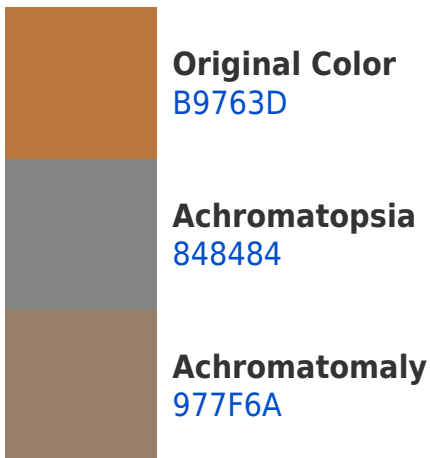


Tritanopia
BD6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9763D 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 #B9763D looks like.

```
.text, #text, p{  
    color:#B9763D  
}
```

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 #B9763D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9763D
}
```

Border

The CSS property to change the border of an element to Hex B9763D 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
#B9763D }
```

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

```
.border{ border-color:#B9763D }
```

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

Here you see how a box with a 4 pixel #B9763D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9763D; -webkit-box-shadow:4px 4px  
4px 4px #B9763D; box-shadow:4px 4px 4px  
4px #B9763D }
```

Background

The CSS property to change the background color of an element to Hex B9763D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9763D }
```

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

```
.background{ background-color:#B9763D }
```

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