

# Converting Colors

Hex(7B965D)

Have a look what the booklet for  
Hex(7B965D) contains.

<b>Hex(7B965D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7B965D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B965D
RGB	123, 150, 93
RGB Percent	48%, 59%, 36%
CMY	0.5176, 0.4118, 0.6353
CMYK	0.18, 0.00, 0.38, 0.41
HSL	88°, 23%, 48%
HSV	88°, 38%, 59%
XYZ	21.0505, 26.8140, 14.4221
YIQ	135.4290, 2.2050, -23.4510

# Conversions

## Conversions Part 2

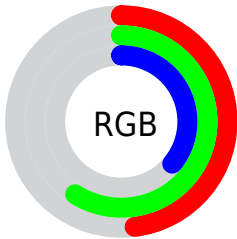
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 150, 120
Decimal	8099421
CIE <sub>Lab</sub>	58.80, -19.91, 27.02
CIE <sub>LCh</sub>	59, 33.561, 126.383
Yxy	26.8140, 0.3380, 0.4305
Android (android.graphics.Color)	4286289501 (0xFF7B965D)
YUV	135.4290, -20.9175, -10.9002
Hunter-Lab	51.7822, -18.0550, 19.7345

# Details

The Hex color **7B965D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **785D96**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B0CC90**, and **49632E** is the 20% darker color. If you saturate the color by 10%, you get **74964E**, and if you desaturate by 10%, it is **82966C**.

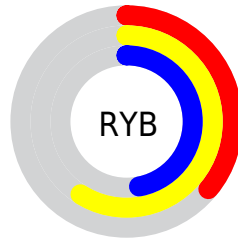
# Distribution



Red (48%)

Green (59%)

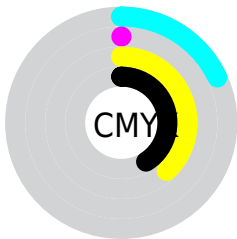
Blue (36%)



Red (36%)

Yellow (59%)

Blue (47%)

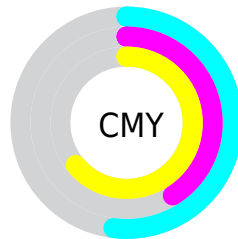


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B965D 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 7B965D by changing the saturation by 10% instead.



 7B965D

 7B965D

FFFFFF

 627C45

 B0CC90

 49632E

 CCE8AB

 314B17

 E8FFC6

 1B3400

 FFFFE2

 001F00

 000000

 7B965D

 7B965D

 74964E

 82966C

 6D963F

 89967B

■ 669630

■ 90968A

■ 5F9621

■ 979699

■ 579612

■ 9F96A8

■ 509603

■ A696B7

■ 4F9600

■ AD96C6

■ B496D5

■ BB96E4

# Harmonies

## Analogous

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



9B8E52



7B965D



579B75

# Triad

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



7B965D



3797C3



C67688

# Complementary

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



7B965D



785D96

# 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.



B87AA6



7B965D



6D8EC8

# Square

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



7B965D



009CAF



9984BD



C47A6C

# Rectangle

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



7B965D



3B9D89



9984BD



C37792



# Sweetspot

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



7B965D



B8C2AC



96785D



5B6154



E0E0E0



616161



# Same Dimension

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



7B965D



98C269



5F965D



464A43



488A00



050A00



# Inverse Universe

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



785D96



9369C2



945D96



46434A



41008A



05000A



# Previews

## White Background



This preview shows how the Hex color 7B965D looks on a white background.

## Color Contrast Check

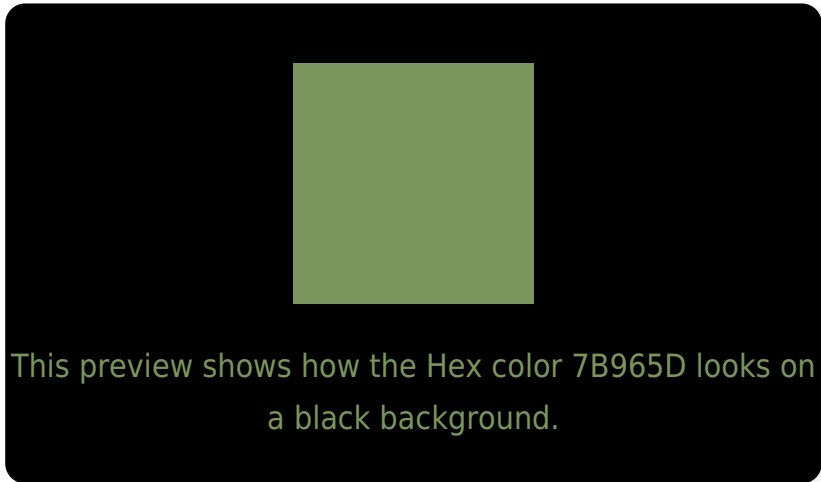
Large Text (above 18pt) WCAG AA ✓ Pass

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

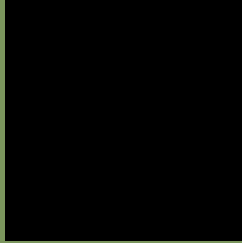
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B965D Background



This preview shows how black text looks on a background with the Hex color 7B965D.



This preview shows how white text looks on a background with the Hex color 7B965D.

# 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



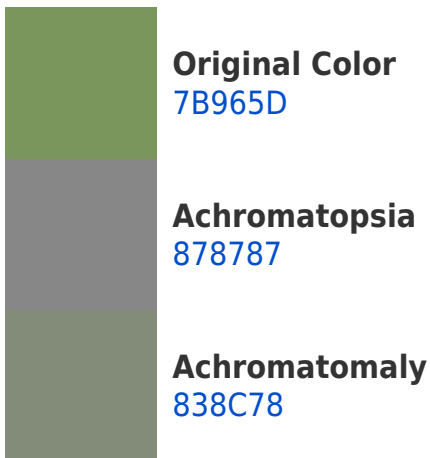


**Tritanopia**  
848F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B965D 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 #7B965D looks like.

```
.text, #text, p{  
    color:#7B965D  
}
```

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 #7B965D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B965D
}
```

## Border

The CSS property to change the border of an element to Hex 7B965D 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
#7B965D }
```

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

```
.border{ border-color:#7B965D }
```

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

Here you see how a box with a 4 pixel #7B965D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B965D; -webkit-box-shadow:4px 4px  
4px 4px #7B965D; box-shadow:4px 4px 4px  
4px #7B965D }
```

# Background

The CSS property to change the background color of an element to Hex 7B965D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B965D }
```

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

```
.background{ background-color:#7B965D }
```

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