

# Converting Colors

Hex(7C994D)

Have a look what the booklet for  
Hex(7C994D) contains.

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**Color**

**Hex(7C994D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C994D
RGB	124, 153, 77
RGB Percent	49%, 60%, 30%
CMY	0.5137, 0.4000, 0.6980
CMYK	0.19, 0.00, 0.50, 0.40
HSL	83°, 33%, 45%
HSV	83°, 50%, 60%
XYZ	21.0430, 27.6034, 11.2401
YIQ	135.6650, 7.1120, -29.7840

# Conversions

## Conversions Part 2

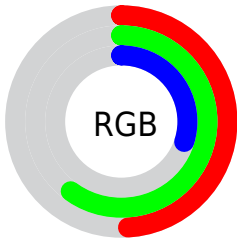
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 153, 106
Decimal	8165709
CIELab	59.53, -23.08, 36.40
CIELCh	60, 43.100, 122.374
Yxy	27.6034, 0.3514, 0.4609
Android (android.graphics.Color)	4286355789 (0xFF7C994D)
YUV	135.6650, -28.9218, -10.2302
Hunter-Lab	52.5389, -20.4500, 24.0928

# Details

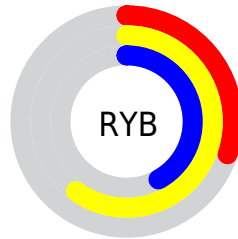
The Hex color **7C994D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A4D99**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B2CF80**, and **49661D** is the 20% darker color. If you saturate the color by 10%, you get **76993E**, and if you desaturate by 10%, it is **82995C**.

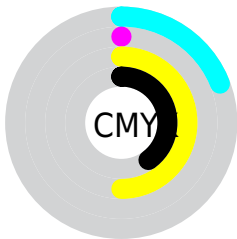
# Distribution



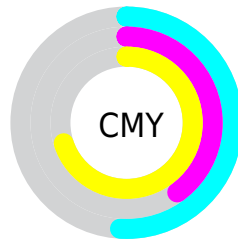
- Red (49%)
- Green (60%)
- Blue (30%)



- Red (30%)
- Yellow (60%)
- Blue (42%)



- Cyan (19%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C994D 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 7C994D by changing the saturation by 10% instead.



 7C994D

 7C994D

FFFFFF

 627F35

 B2CF80

 49661D

 CEEC9A

 304E02

 EBFFB5

 1A3700

 FFFFD1

 002200

 FFFFEE


 000000

 7C994D

 7C994D

 76993E

 82995C

 70992E

 88996C

 6A991F

 8E997B

 659910

 93998A

 5F9901

 99999A

 5F9900

 9F99A9

 A599B8

 AB99C7

 B199D7

# Harmonies

## Analogous

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



A38E41



7C994D



4BA06B

# Triad

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



7C994D



009CD2



D5708E

# Complementary

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



7C994D



6A4D99

# 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.



C176B3



7C994D



5392DB

# Square

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



7C994D



00A2B7



9684CF



D47469

# Rectangle

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



7C994D



07A284



9684CF



D1719B



# Sweetspot

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



7C994D



BCC7A9



99694D



5D6352



E3E3E3



636363



# Same Dimension

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



7C994D



99C750



57994D



4A4D45



578C00



080D00



# Inverse Universe

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



6A4D99



7D50C7



8F4D99



48454D



36008C



05000D



# Previews

## White Background



This preview shows how the Hex color 7C994D looks on a white background.

## Color Contrast Check

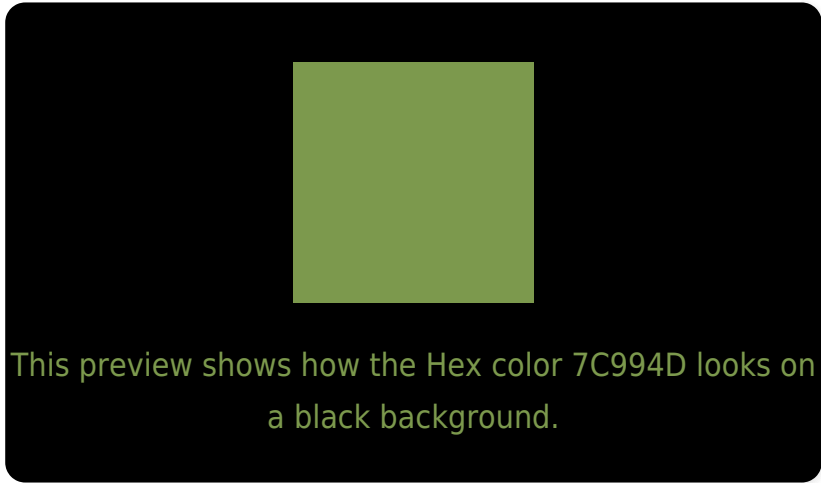
Large Text (above 18pt) WCAG AA ✓ Pass

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

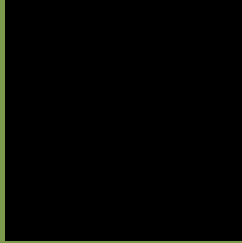
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C994D Background



This preview shows how black text looks on a background with the Hex color 7C994D.

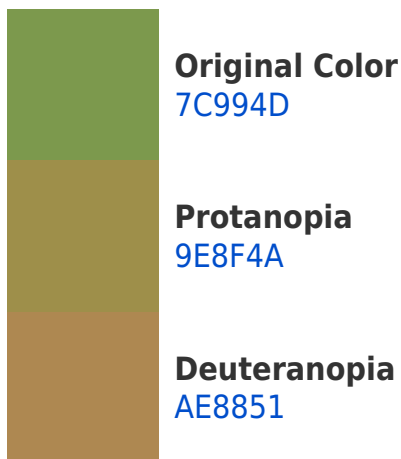


This preview shows how white text looks on a background with the Hex color 7C994D.

# 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](#).

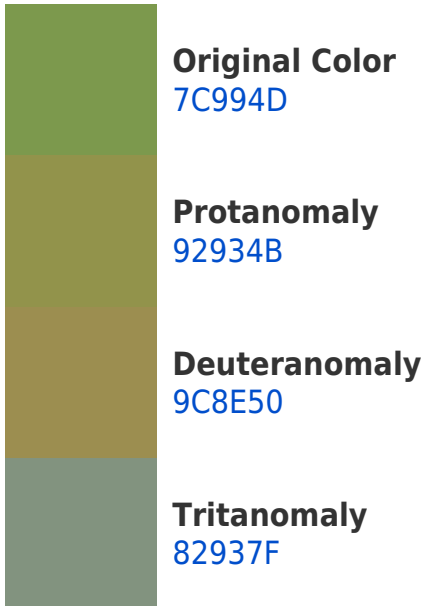
## Dichromacy



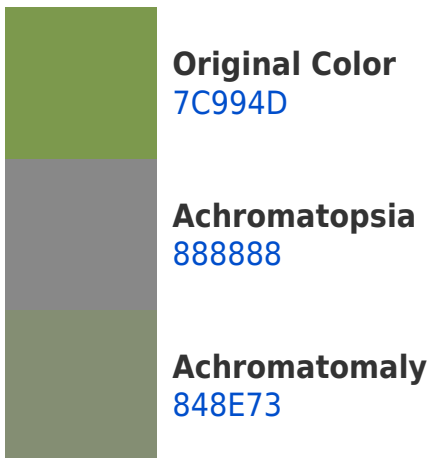


**Tritanopia**  
86909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C994D 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 #7C994D looks like.

```
.text, #text, p{  
    color:#7C994D  
}
```

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 #7C994D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C994D
}
```

## Border

The CSS property to change the border of an element to Hex 7C994D 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
#7C994D }
```

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

```
.border{ border-color:#7C994D }
```

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

Here you see how a box with a 4 pixel #7C994D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C994D; -webkit-box-shadow:4px 4px  
4px 4px #7C994D; box-shadow:4px 4px 4px  
4px #7C994D }
```

# Background

The CSS property to change the background color of an element to Hex 7C994D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C994D }
```

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

```
.background{ background-color:#7C994D }
```

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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