

# Converting Colors

Hex(7D8066)

Have a look what the booklet for  
Hex(7D8066) contains.

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**Color**

**Hex(7D8066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D8066
RGB	125, 128, 102
RGB Percent	49%, 50%, 40%
CMY	0.5098, 0.4980, 0.6000
CMYK	0.02, 0.00, 0.20, 0.50
HSL	67°, 11%, 45%
HSV	67°, 20%, 50%
XYZ	18.5749, 20.7576, 15.5980
YIQ	124.1390, 6.5580, -8.7220

# Conversions

## Conversions Part 2

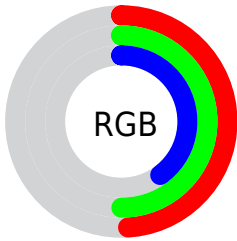
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 128, 105
Decimal	8224870
CIELab	52.68, -5.89, 13.77
CIELCh	53, 14.978, 113.163
Yxy	20.7576, 0.3382, 0.3779
Android (android.graphics.Color)	4286414950 (0xFF7D8066)
YUV	124.1390, -10.9145, 0.7551
Hunter-Lab	45.5605, -6.9570, 11.5940

# Details

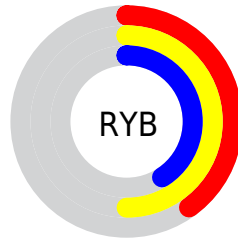
The Hex color **7D8066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **696680**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B2B599**, and **4C4F37** is the 20% darker color. If you saturate the color by 10%, you get **7C8059**, and if you desaturate by 10%, it is **7E8073**.

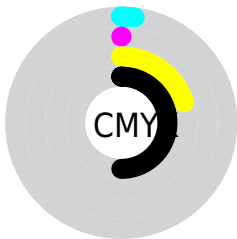
# Distribution



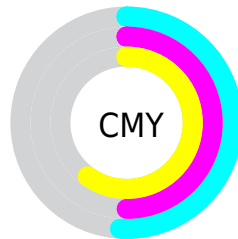
- Red (49%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (41%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D8066 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 7D8066 by changing the saturation by 10% instead.



 7D8066

 7D8066

FFFFFF

 64674E

 B2B599

 4C4F37

 CDD0B4

 353821

 EAEDCF

 20230C

 FFFFEC

 000E00

 000000

 7D8066

 7D8066

 7C8059

 7E8073

 7A804C

 808080

■ 798040

■ 81808C

■ 778033

■ 838099

■ 768026

■ 8480A6

■ 748019

■ 8680B3

■ 73800C

■ 8780C0

■ 718000

■ 8980CC

■ 8A80D9

# Harmonies

## Analogous

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



8B7C64



7D8066



6E836E

# Triad

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



7D8066



5F8392



967581

# Complementary

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



7D8066



696680

# 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.



8C778D



7D8066



6B8097

# Square

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



7D8066



5B8587



7C7B95



997574

# Rectangle

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



7D8066



658576



7C7B95



937685



# Sweetspot

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



7D8066



A5A69C



806966



53544E



D4D4D4



545454



# Same Dimension

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



7D8066



A1A67E



708066



3F4039



718000



000000



# Inverse Universe

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



696680



837EA6



766680



3A3940



0F0080

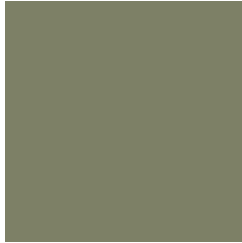


000000



# Previews

## White Background



This preview shows how the Hex color 7D8066 looks on a white background.

## Color Contrast Check

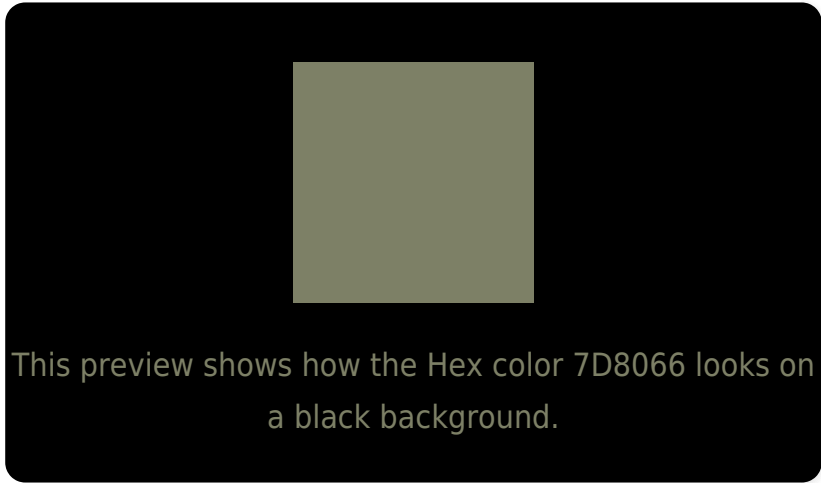
Large Text (above 18pt) WCAG AA ✓ Pass

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

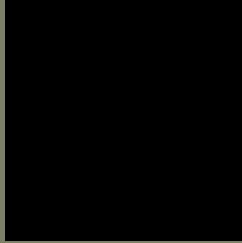
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

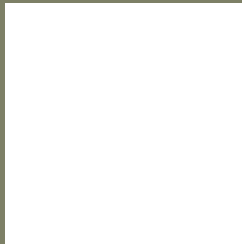
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D8066 Background



This preview shows how black text looks on a background with the Hex color 7D8066.



This preview shows how white text looks on a background with the Hex color 7D8066.

# 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**

7D8066

**Protanopia**

857D65

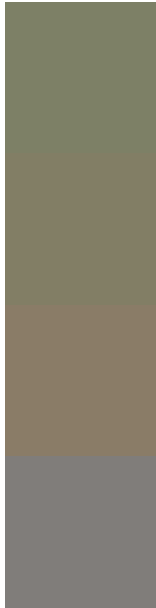
**Deuteranopia**

917967



**Tritanopia**  
817C85

# Trichromacy



**Original Color**  
7D8066

**Protanomaly**  
827E65

**Deuteranomaly**  
8A7C67

**Tritanomaly**  
807D7A

# Monochromacy



**Original Color**  
7D8066

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7C7D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D8066 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 #7D8066 looks like.

```
.text, #text, p{  
    color:#7D8066  
}
```

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 #7D8066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8066
}
```

## Border

The CSS property to change the border of an element to Hex 7D8066 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
#7D8066 }
```

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

```
.border{ border-color:#7D8066 }
```

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

Here you see how a box with a 4 pixel #7D8066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8066; -webkit-box-shadow:4px 4px  
4px 4px #7D8066; box-shadow:4px 4px 4px  
4px #7D8066 }
```

# Background

The CSS property to change the background color of an element to Hex 7D8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8066 }
```

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

```
.background{ background-color:#7D8066 }
```

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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