

# Converting Colors

Hex(7D7966)

Have a look what the booklet for  
Hex(7D7966) contains.

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# Color

Hex(7D7966)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7966
RGB	125, 121, 102
RGB Percent	49%, 47%, 40%
CMY	0.5098, 0.5255, 0.6000
CMYK	0.00, 0.03, 0.18, 0.51
HSL	50°, 10%, 45%
HSV	50°, 18%, 49%
XYZ	17.6931, 18.9940, 15.3041
YIQ	120.0300, 8.4830, -5.0610

# Conversions

## Conversions Part 2

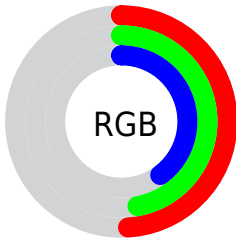
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 125, 102
Decimal	8223078
CIELab	50.68, -1.92, 10.98
CIELCh	51, 11.146, 99.941
Yxy	18.9940, 0.3403, 0.3653
Android (android.graphics.Color)	4286413158 (0xFF7D7966)
YUV	120.0300, -8.8888, 4.3587
Hunter-Lab	43.5821, -3.8029, 9.6876

# Details

The Hex color **7D7966** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666A7D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B2AD99**, and **4C4937** is the 20% darker color. If you saturate the color by 10%, you get **7D775A**, and if you desaturate by 10%, it is **7D7B73**.

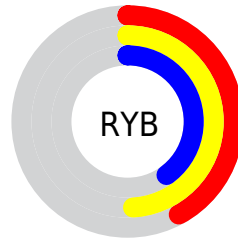
# Distribution



Red (49%)

Green (47%)

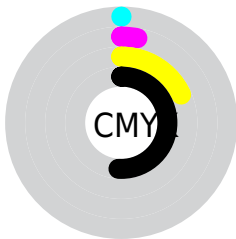
Blue (40%)



Red (42%)

Yellow (49%)

Blue (40%)

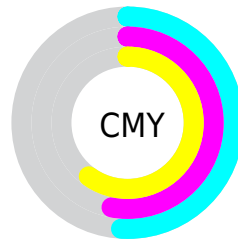


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7966 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 7D7966 by changing the saturation by 10% instead.



 7D7966

 7D7966

FFFFFF

 64604E

 B2AD99

 4C4937

 CDC9B4

 353222

 EAE5CF

 201D0C

 FFFFEC

 000400

 000000

 7D7966

 7D7966

 7D775A

 7D7B73

 7D754D

 7D7D7F

 7D7241

 7D808C

 7D7034

 7D8298

 7D6E28

 7D84A5

 7D6C1B

 7D86B1

 7D6A0F

 7D88BE

 7D6802

 7D8ACA

 7D6700

 7D8DD7

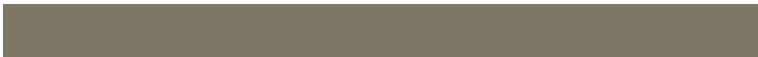
# Harmonies

## Analogous

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



867667



7D7966



727C6A

# Triad

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



7D7966



617D84



88737F

# Complementary

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



7D7966



666A7D

# 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.



7E7587



7D7966



677B8A

# Square

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



7D7966



617E7C



72788B



8D7276

# Rectangle

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



7D7966



6B7D6F



72788B



857482



# Sweetspot

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



7D7966



A3A199



7D666A



52514C



D1D1D1



525252



# Same Dimension

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



7D7966



A39D7F



767D66



403F39



806900



000000



# Inverse Universe

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



666A7D



7F86A3



6D667D



393A40



001680



000000



# Previews

## White Background



This preview shows how the Hex color 7D7966 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

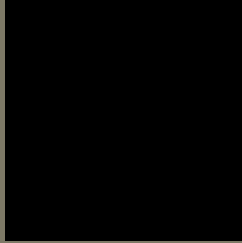
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

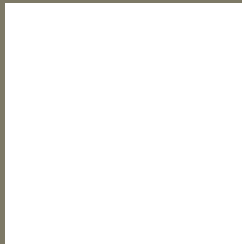
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7966 Background



This preview shows how black text looks on a background with the Hex color 7D7966.



This preview shows how white text looks on a background with the Hex color 7D7966.

# 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](#).

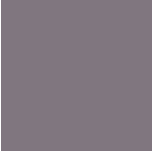
## Dichromacy



**Original Color**  
7D7966

**Protanopia**  
7F7866

**Deuteranopia**  
8B7467



**Tritanopia**  
80767F

# Trichromacy



**Original Color**  
7D7966

**Protanomaly**  
7E7866

**Deuteranomaly**  
867667

**Tritanomaly**  
7F7776

# Monochromacy



**Original Color**  
7D7966

**Achromatopsia**  
787878

**Achromatomaly**  
7A7871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7966 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 #7D7966 looks like.

```
.text, #text, p{  
    color:#7D7966  
}
```

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 #7D7966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7966
}
```

## Border

The CSS property to change the border of an element to Hex 7D7966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

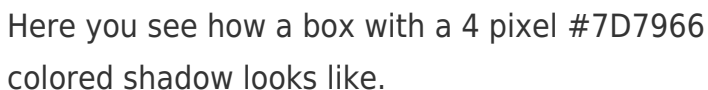
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D7966 }
```

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

```
.border{ border-color:#7D7966 }
```

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



Here you see how a box with a 4 pixel #7D7966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7966; -webkit-box-shadow:4px 4px  
4px 4px #7D7966; box-shadow:4px 4px 4px  
4px #7D7966 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7966 }
```

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

```
.background{ background-color:#7D7966 }
```

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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