

# Converting Colors

Hex(7D7E58)

Have a look what the booklet for  
Hex(7D7E58) contains.

<b>Hex(7D7E58)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7D7E58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7E58
RGB	125, 126, 88
RGB Percent	49%, 49%, 35%
CMY	0.5098, 0.5059, 0.6549
CMYK	0.01, 0.00, 0.30, 0.51
HSL	62°, 18%, 42%
HSV	62°, 30%, 49%
XYZ	17.6798, 19.9863, 12.1584
YIQ	121.3690, 11.6020, -12.0300

# Conversions

## Conversions Part 2

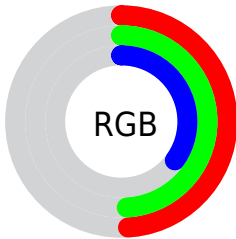
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 126, 89
Decimal	8224344
CIE <sub>Lab</sub>	51.82, -6.92, 20.62
CIE <sub>LCh</sub>	52, 21.753, 108.538
Yxy	19.9863, 0.3548, 0.4011
Android (android.graphics.Color)	4286414424 (0xFF7D7E58)
YUV	121.3690, -16.4509, 3.1844
Hunter-Lab	44.7060, -7.6446, 15.1694

# Details

The Hex color **7D7E58** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **59587E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2B38A**, and **4B4D2A** is the 20% darker color. If you saturate the color by 10%, you get **7D7E4B**, and if you desaturate by 10%, it is **7D7E65**.

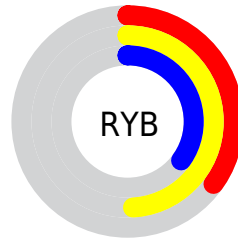
# Distribution



Red (49%)

Green (49%)

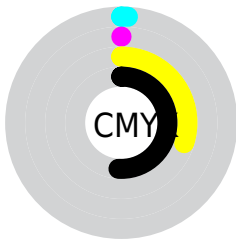
Blue (35%)



Red (35%)

Yellow (49%)

Blue (35%)

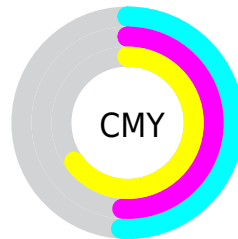


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7E58 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 7D7E58 by changing the saturation by 10% instead.





7D7E58



7D7E58

FFFFFF



646540



B2B38A



4B4D2A



CECEA5



343615



EAEAC0



202100



FFFFDC



000C00



FFFFF8



000000



7D7E58



7D7E58



7D7E4B



7D7E65



7C7E3F



7E7E71

 7C7E32

 7E7E7E

 7C7E26

 7E7E8A

 7B7E19

 7F7E97

 7B7E0C

 7F7EA4

 7B7E00

 7F7EB0

 807EBD

 807EC9

# Harmonies

## Analogous

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



8F7857



7D7E58



688362

# Triad

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



7D7E58



468497



9C6F83

# Complementary

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



7D7E58



59587E

# 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.



8C7394



7D7E58



5A7FA0

# Square

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



7D7E58



448687



75799F



A16E71

# Rectangle

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



7D7E58



5A856D



75799F



98708A



# Sweetspot

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



7D7E58



A3A395



7E5958



515249



D1D1D1



525252



# Same Dimension

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



7D7E58



A2A368



6A7E58



404039



7C8000



000000



# Inverse Universe

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



59587E



6A68A3



6C587E



3A3940



030080



000000



# Previews

## White Background



This preview shows how the Hex color 7D7E58 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

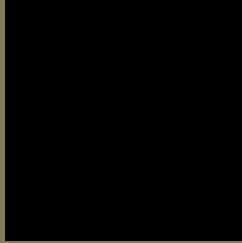
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

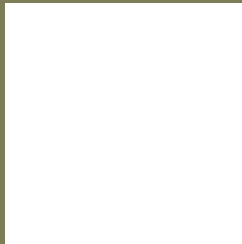
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7E58 Background



This preview shows how black text looks on a background with the Hex color 7D7E58.



This preview shows how white text looks on a background with the Hex color 7D7E58.

# 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**  
7D7E58

**Protanopia**  
857B57

**Deuteranopia**  
92765A



**Tritanopia**  
827982

# Trichromacy



**Original Color**  
7D7E58

**Protanomaly**  
827C57

**Deuteranomaly**  
8A7959

**Tritanomaly**  
807B73

# Monochromacy



**Original Color**  
7D7E58

**Achromatopsia**  
797979

**Achromatomaly**  
7A7B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7E58 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 #7D7E58 looks like.

```
.text, #text, p{  
    color:#7D7E58  
}
```

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 #7D7E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7E58
}
```

## Border

The CSS property to change the border of an element to Hex 7D7E58 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
#7D7E58 }
```

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

```
.border{ border-color:#7D7E58 }
```

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

Here you see how a box with a 4 pixel #7D7E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7E58; -webkit-box-shadow:4px 4px  
4px 4px #7D7E58; box-shadow:4px 4px 4px  
4px #7D7E58 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7E58 }
```

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

```
.background{ background-color:#7D7E58 }
```

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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