

# Converting Colors

Hex(7D7F59)

Have a look what the booklet for  
Hex(7D7F59) contains.

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**Color**

**Hex(7D7F59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7F59
RGB	125, 127, 89
RGB Percent	49%, 50%, 35%
CMY	0.5098, 0.5020, 0.6510
CMYK	0.02, 0.00, 0.30, 0.50
HSL	63°, 18%, 42%
HSV	63°, 30%, 50%
XYZ	17.8500, 20.2600, 12.4210
YIQ	122.0700, 11.0060, -12.2420

# Conversions

## Conversions Part 2

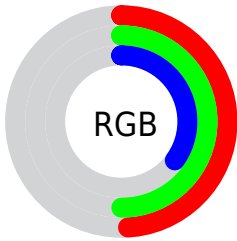
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 127, 91
Decimal	8224601
CIELab	52.13, -7.33, 20.47
CIELCh	52, 21.741, 109.707
Yxy	20.2600, 0.3532, 0.4009
Android (android.graphics.Color)	4286414681 (0xFF7D7F59)
YUV	122.0700, -16.3035, 2.5696
Hunter-Lab	45.0111, -7.9819, 15.1465

# Details

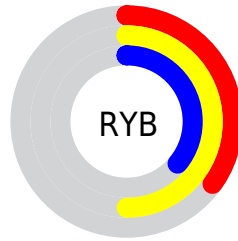
The Hex color **7D7F59** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B597F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2B48B**, and **4B4E2B** is the 20% darker color. If you saturate the color by 10%, you get **7C7F4C**, and if you desaturate by 10%, it is **7E7F66**.

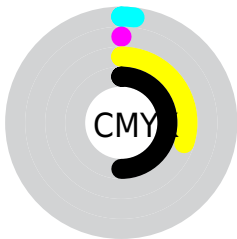
# Distribution



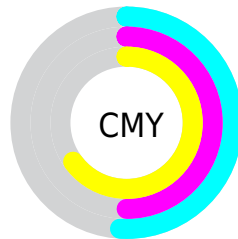
- Red (49%)
- Green (50%)
- Blue (35%)



- Red (35%)
- Yellow (50%)
- Blue (36%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7F59 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 7D7F59 by changing the saturation by 10% instead.



 7D7F59

 7D7F59

FFFFFF

 646641

 B2B48B

 4B4E2B

 CECFA6

 343715

 EAEB C1

 202200

 FFFFDD

 000D00

 FFFFFA

 000000

 7D7F59

 7D7F59

 7C7F4C

 7E7F66

 7C7F40

 7E7F72

 7B7F33

 7F7F7F

 7A7F26

 807F8C

 7A7F19

 807F99

 797F0D

 817FA5

 787F00

 827FB2

 827FBF

 837FCB

# Harmonies

## Analogous

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



907958



7D7F59



688464

# Triad

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



7D7F59



478498



9D6F84

# Complementary

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



7D7F59



5B597F

# 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.



8E7395



7D7F59



5C80A1

# Square

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



7D7F59



458788



767A9F



A26F71

# Rectangle

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



7D7F59



5A866F



767A9F



99708A



# Sweetspot

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



7D7F59



A5A697



7F5B59



54544B



D4D4D4



545454



# Same Dimension

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



7D7F59



A3A66A



6A7F59



3F4039



798000



000000



# Inverse Universe

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



5B597F



6D6AA6



6E597F



3A3940



070080



000000



# Previews

## White Background



This preview shows how the Hex color 7D7F59 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

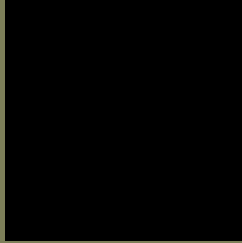
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

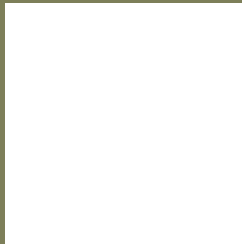
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7F59 Background



This preview shows how black text looks on a background with the Hex color 7D7F59.



This preview shows how white text looks on a background with the Hex color 7D7F59.

# 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**  
7D7F59

**Protanopia**  
867C58

**Deuteranopia**  
93775B



**Tritanopia**  
827A83

# Trichromacy



**Original Color**  
7D7F59

**Protanomaly**  
837D58

**Deuteranomaly**  
8B7A5A

**Tritanomaly**  
807C74

# Monochromacy



**Original Color**  
7D7F59

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7B7C6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7F59 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 #7D7F59 looks like.

```
.text, #text, p{  
    color:#7D7F59  
}
```

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 #7D7F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7F59
}
```

## Border

The CSS property to change the border of an element to Hex 7D7F59 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
#7D7F59 }
```

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

```
.border{ border-color:#7D7F59 }
```

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

Here you see how a box with a 4 pixel #7D7F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7F59; -webkit-box-shadow:4px 4px  
4px 4px #7D7F59; box-shadow:4px 4px 4px  
4px #7D7F59 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7F59 }
```

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

```
.background{ background-color:#7D7F59 }
```

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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