

# Converting Colors

Hex(7D7157)

Have a look what the booklet for  
Hex(7D7157) contains.

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**Color**

**Hex(7D7157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7157
RGB	125, 113, 87
RGB Percent	49%, 44%, 34%
CMY	0.5098, 0.5569, 0.6588
CMYK	0.00, 0.10, 0.30, 0.51
HSL	41°, 18%, 42%
HSV	41°, 30%, 49%
XYZ	16.0829, 16.8583, 11.4232
YIQ	113.6240, 15.4980, -5.5420

# Conversions

## Conversions Part 2

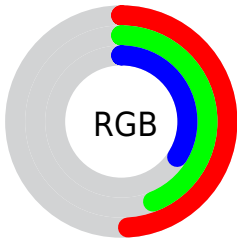
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 125, 87
Decimal	8221015
CIELab	48.08, 0.34, 16.16
CIElCh	48, 16.161, 88.789
Yxy	16.8583, 0.3625, 0.3800
Android (android.graphics.Color)	4286411095 (0xFF7D7157)
YUV	113.6240, -13.1256, 9.9768
Hunter-Lab	41.0589, -1.9342, 12.2460

# Details

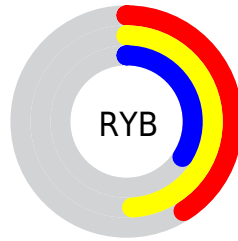
The Hex color **7D7157** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57637D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B2A589**, and **4B4129** is the 20% darker color. If you saturate the color by 10%, you get **7D6D4B**, and if you desaturate by 10%, it is **7D7564**.

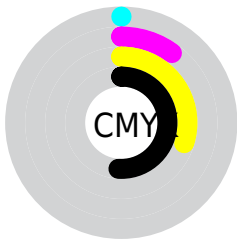
# Distribution



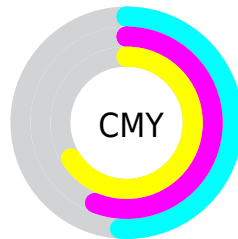
- Red (49%)
- Green (44%)
- Blue (34%)



- Red (41%)
- Yellow (49%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7157 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 7D7157 by changing the saturation by 10% instead.



 7D7157

 7D7157

FFFFFF

 645940

 B2A589

 4B4129

 CEC0A3

 342B15

 EADCBE

 201700

 FFF8DA

 000000

 FFFFF7

 7D7157

 7D7157

 7D6D4B

 7D7564

 7D693E

 7D7970

 7D6532

 7D7D7D

 7D6125

 7D8189

 7D5D19

 7D8596

 7D590C

 7D89A2

 7D5600

 7D8DAF

 7D91BB

 7D95C8

# Harmonies

## Analogous

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



886D5B



7D7157



6E755A

# Triad

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



7D7157



4C7A7F



836B80

# Complementary

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



7D7157



57637D

# 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.



746F8A



7D7157



527789

# Square

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



7D7157



527A71



61738D



8C6873

# Rectangle

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



7D7157



647860



61738D



7F6C84



# Sweetspot

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



7D7157



A39F95



7D5763



524F49



D1D1D1



525252



# Same Dimension

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



7D7157



A39168



767D57



403E39



805700



000000



# Inverse Universe

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



57637D



687BA3



5E577D



393B40



002880



000000



# Previews

## White Background



This preview shows how the Hex color 7D7157 looks on a white background.

## Color Contrast Check

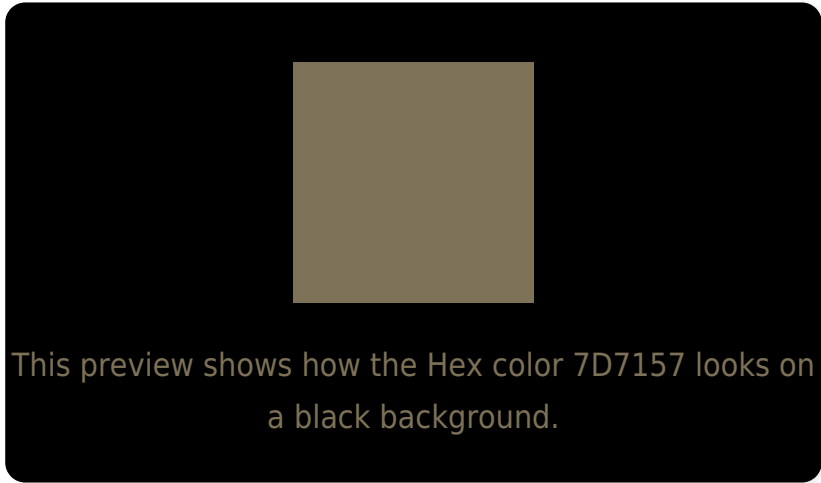
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

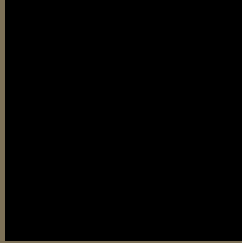
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D7157 Background



This preview shows how black text looks on a background with the Hex color 7D7157.



This preview shows how white text looks on a background with the Hex color 7D7157.

# 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**  
7D7157

**Protanopia**  
7A7257

**Deuteranopia**  
866E58



**Tritanopia**  
816D75

# Trichromacy



**Original Color**  
7D7157

**Protanomaly**  
7B7257

**Deuteranomaly**  
836F58

**Tritanomaly**  
806E6A

# Monochromacy



**Original Color**  
7D7157

**Achromatopsia**  
727272

**Achromatomaly**  
767268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7157 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 #7D7157 looks like.

```
.text, #text, p{  
    color:#7D7157  
}
```

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 #7D7157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7157
}
```

## Border

The CSS property to change the border of an element to Hex 7D7157 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
#7D7157 }
```

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

```
.border{ border-color:#7D7157 }
```

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

Here you see how a box with a 4 pixel #7D7157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7157; -webkit-box-shadow:4px 4px  
4px 4px #7D7157; box-shadow:4px 4px 4px  
4px #7D7157 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7157 }
```

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

```
.background{ background-color:#7D7157 }
```

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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