

# Converting Colors

Hex(7D5955)

Have a look what the booklet for  
Hex(7D5955) contains.

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**Color**

**Hex(7D5955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D5955
RGB	125, 89, 85
RGB Percent	49%, 35%, 33%
CMY	0.5098, 0.6510, 0.6667
CMYK	0.00, 0.29, 0.32, 0.51
HSL	6°, 19%, 41%
HSV	6°, 32%, 49%
XYZ	13.6695, 12.1606, 10.2211
YIQ	99.3080, 22.7400, 6.3880

# Conversions

## Conversions Part 2

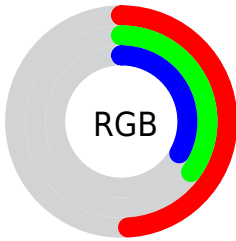
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 89, 85
Decimal	8214869
CIE <sub>Lab</sub>	41.47, 14.25, 8.19
CIE <sub>LCh</sub>	41, 16.434, 29.895
Yxy	12.1606, 0.3792, 0.3373
Android (android.graphics.Color)	4286404949 (0xFF7D5955)
YUV	99.3080, -7.0538, 22.5319
Hunter-Lab	34.8721, 8.9442, 7.0324

# Details

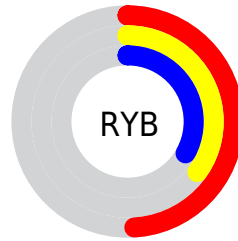
The Hex color **7D5955** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55797D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B38B87**, and **4B2B28** is the 20% darker color. If you saturate the color by 10%, you get **7D4E49**, and if you desaturate by 10%, it is **7D6462**.

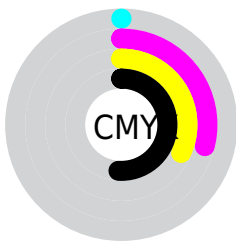
# Distribution



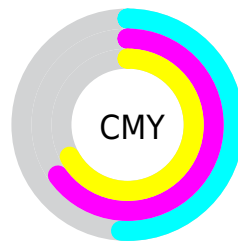
- Red (49%)
- Green (35%)
- Blue (33%)



- Red (49%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5955 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 7D5955 by changing the saturation by 10% instead.



 7D5955

 7D5955

FFFFFF

 63413E

 B38B87

 4B2B28

 CEA6A1

 331614

 EBC1BC

 1F0000

 FFDDDD7

 000000

 FFF9F4

 7D5955

 7D5955

 7D4E49

 7D6462

 7D433C

 7D706E

 7D3730

 7D7B7A

 7D2C23

 7D8687

 7D2117

 7D9193

 7D150A

 7D9CA0

 7D0C00

 7DA8AC

 7DB3B9

 7DBEC6

# Harmonies

## Analogous

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



7C5862



7D5955



775C4B

# Triad

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



7D5955



4E6854



51637D

# Complementary

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



7D5955



55797D

# 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.



416779



7D5955



406961

# Square

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



7D5955



5D654A



3A696F



645E79

# Rectangle

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



7D5955



705F47



3A696F



4B647C



# Sweetspot

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



7D5955



A39593



7D5579



524948



D1D1D1



525252



# Same Dimension

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



7D5955



A36B65



7D6D55



403A39



800D00



000000



# Inverse Universe

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



55797D



659DA3



55657D



393F40



007380



000000



# Previews

## White Background



This preview shows how the Hex color 7D5955 looks on a white background.

## Color Contrast Check

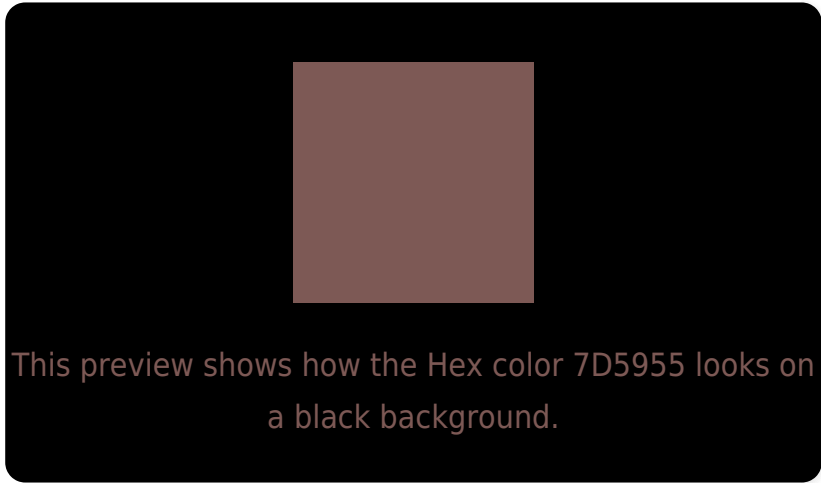
Large Text (above 18pt) WCAG AA ✓ Pass

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

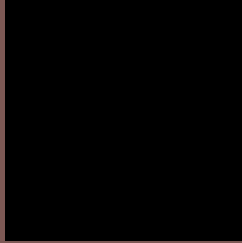
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5955 Background



This preview shows how black text looks on a background with the Hex color 7D5955.

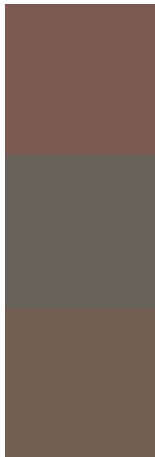


This preview shows how white text looks on a background with the Hex color 7D5955.

# 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**  
7D5955

**Protanopia**  
66625A

**Deuteranopia**  
715E54



**Tritanopia**  
7E585E

# Trichromacy



**Original Color**  
7D5955

**Protanomaly**  
6E5F58

**Deuteranomaly**  
755C54

**Tritanomaly**  
7E585B

# Monochromacy



**Original Color**  
7D5955

**Achromatopsia**  
636363

**Achromatomaly**  
6C5F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5955 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 #7D5955 looks like.

```
.text, #text, p{  
    color:#7D5955  
}
```

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 #7D5955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5955  
}
```

## Border

The CSS property to change the border of an element to Hex 7D5955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

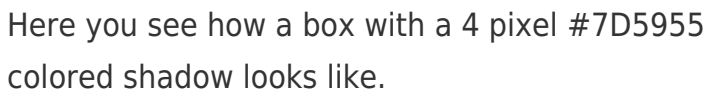
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7D5955 }
```

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

```
.border{ border-color:#7D5955 }
```

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



Here you see how a box with a 4 pixel #7D5955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5955; -webkit-box-shadow:4px 4px  
4px 4px #7D5955; box-shadow:4px 4px 4px  
4px #7D5955 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5955 }
```

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

```
.background{ background-color:#7D5955 }
```

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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