

# Converting Colors

Hex(7C5255)

Have a look what the booklet for  
Hex(7C5255) contains.

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**Color**

**Hex(7C5255)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C5255
RGB	124, 82, 85
RGB Percent	49%, 32%, 33%
CMY	0.5137, 0.6784, 0.6667
CMYK	0.00, 0.34, 0.31, 0.51
HSL	356°, 20%, 40%
HSV	356°, 34%, 49%
XYZ	12.9692, 10.9755, 10.0293
YIQ	94.9000, 24.0690, 9.8370

# Conversions

## Conversions Part 2

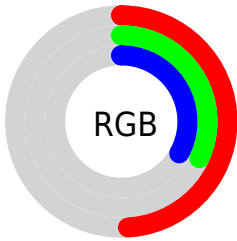
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 82, 85
Decimal	8147541
CIELab	39.54, 18.02, 5.43
CIELCh	40, 18.820, 16.783
Yxy	10.9755, 0.3817, 0.3231
Android (android.graphics.Color)	4286337621 (0xFF7C5255)
YUV	94.9000, -4.8807, 25.5207
Hunter-Lab	33.1294, 11.9011, 5.2417

# Details

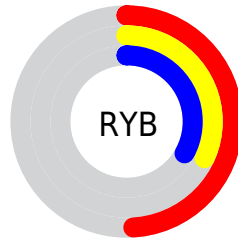
The Hex color **7C5255** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **527C79**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B28487**, and **4A2428** is the 20% darker color. If you saturate the color by 10%, you get **7C4649**, and if you desaturate by 10%, it is **7C5E61**.

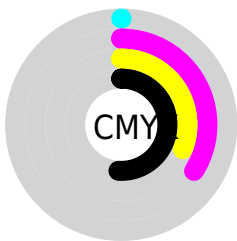
# Distribution



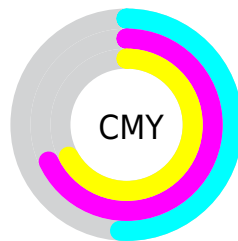
- Red (49%)
- Green (32%)
- Blue (33%)



- Red (49%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C5255 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 7C5255 by changing the saturation by 10% instead.





7C5255



7C5255

FFFFFF



623B3E



B28487



4A2428



CE9EA1



320F14



EAB9BC



1E0001



FFD5D7



000000



FFF1F4



7C5255



7C5255



7C4649



7C5E61



7C393E



7C6B6C

 7C2D32

 7C7778

 7C2027

 7C8483

 7C141B

 7C908F

 7C0810

 7C9C9A

 7C0009

 7CA9A6

 7CB5B1

 7CC2BD

# Harmonies

## Analogous

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



775365



7C5255



785547

# Triad

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



7C5255



4E6348



40617B

# Complementary

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



7C5255



527C79

# 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.



2F6473



7C5255



3C6556

# Square

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



7C5255



5F5F40



2F6665



565C7A

# Rectangle

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



7C5255



725841



2F6665



396279



# Sweetspot

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



7C5255



A19192



78527C



524849



D1D1D1



525252



# Same Dimension

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



7C5255



A15F63



7C6452



3D3738



7D0009



FC0012



# Inverse Universe

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



7C5255



A15F63



526B7C



3D3738



7D0009

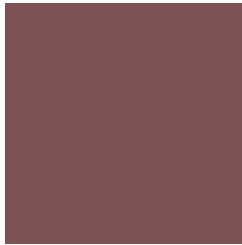


FC0012



# Previews

## White Background



This preview shows how the Hex color 7C5255 looks on a white background.

## Color Contrast Check

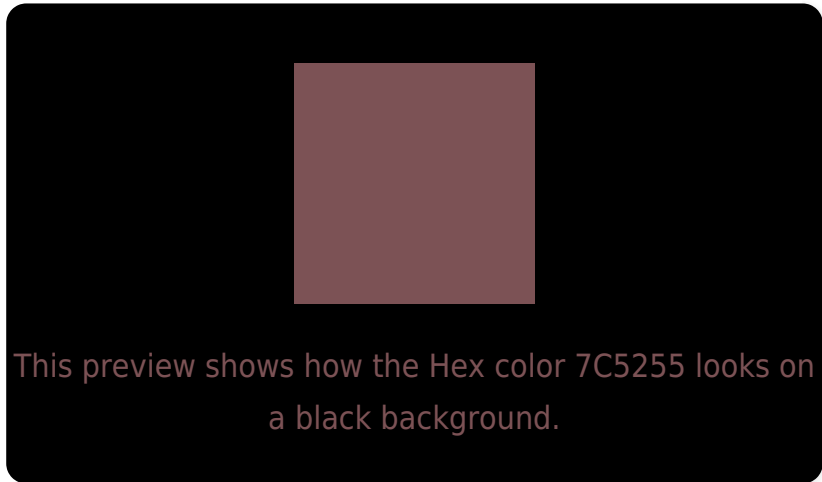
Large Text (above 18pt) WCAG AA ✓ Pass

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

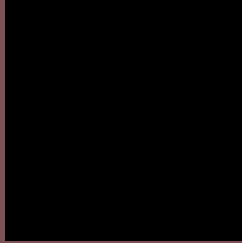
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C5255 Background



This preview shows how black text looks on a background with the Hex color 7C5255.



This preview shows how white text looks on a background with the Hex color 7C5255.

# 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**  
7C5255

**Protanopia**  
605D5B

**Deuteranopia**  
6A5A54



**Tritanopia**  
7C5258

# Trichromacy



**Original Color**  
7C5255

**Protanomaly**  
6A5959

**Deuteranomaly**  
715754

**Tritanomaly**  
7C5257

# Monochromacy



**Original Color**  
7C5255

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6A5A5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C5255 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 #7C5255 looks like.

```
.text, #text, p{  
    color:#7C5255  
}
```

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 #7C5255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C5255
}
```

## Border

The CSS property to change the border of an element to Hex 7C5255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

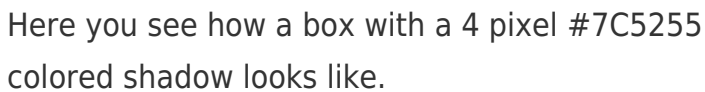
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C5255 }
```

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

```
.border{ border-color:#7C5255 }
```

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



Here you see how a box with a 4 pixel #7C5255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C5255; -webkit-box-shadow:4px 4px  
4px 4px #7C5255; box-shadow:4px 4px 4px  
4px #7C5255 }
```

# Background

The CSS property to change the background color of an element to Hex 7C5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C5255 }
```

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

```
.background{ background-color:#7C5255 }
```

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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