

# Converting Colors

Hex(7D5555)

Have a look what the booklet for  
Hex(7D5555) contains.

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# Color

Hex(7D5555)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D5555
RGB	125, 85, 85
RGB Percent	49%, 33%, 33%
CMY	0.5098, 0.6667, 0.6667
CMYK	0.00, 0.32, 0.32, 0.51
HSL	0°, 19%, 41%
HSV	0°, 32%, 49%
XYZ	13.3456, 11.5129, 10.1131
YIQ	96.9600, 23.8400, 8.4800

# Conversions

## Conversions Part 2

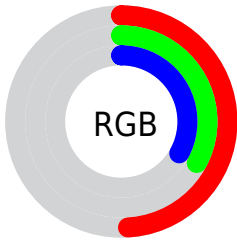
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 85, 85
Decimal	8213845
CIE <sub>Lab</sub>	40.43, 16.64, 6.72
CIE <sub>LCh</sub>	40, 17.947, 21.992
Yxy	11.5129, 0.3816, 0.3292
Android (android.graphics.Color)	4286403925 (0xFF7D5555)
YUV	96.9600, -5.8963, 24.5911
Hunter-Lab	33.9306, 10.8294, 6.0798

# Details

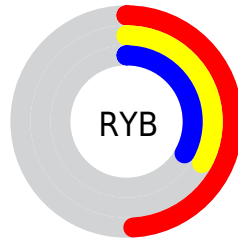
The Hex color **7D5555** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **557D7D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B38787**, and **4B2728** is the 20% darker color. If you saturate the color by 10%, you get **7D4949**, and if you desaturate by 10%, it is **7D6262**.

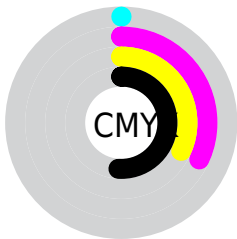
# Distribution



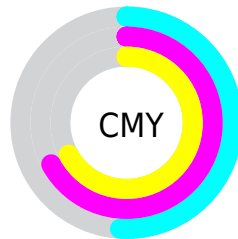
- Red (49%)
- Green (33%)
- Blue (33%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5555 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 7D5555 by changing the saturation by 10% instead.



 7D5555

 7D5555

FFFFFF

 633E3E

 B38787

 4B2728

 CFA1A1

 331214

 EBBCBC

 1F0001

 FFD8D7

 000000

 FFF5F4

 7D5555

 7D5555

 7D4949

 7D6262

 7D3C3C

 7D6E6E

 7D3030

 7D7A7A

 7D2323

 7D8787

 7D1717

 7D9393

 7D0A0A

 7DA0A0

 7D0000

 7DACAC

 7DB9B9

 7DC6C6

# Harmonies

## Analogous

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



7A5564



7D5555



785849

# Triad

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



7D5555



4E654D



47627C

# Complementary

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



7D5555



557D7D

# 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.



376676



7D5555



3E675B

# Square

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



7D5555



5F6244



33676A



5C5D7A

# Rectangle

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



7D5555



725B44



33676A



41637B



# Sweetspot

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



7D5555



A39393



7D557D



524848



D1D1D1



525252



# Same Dimension

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



7D5555



A36565



7D6955



403939



800000



000000



# Inverse Universe

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



557D7D



65A3A3



55697D



394040



008080

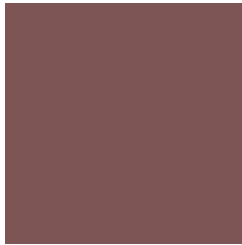


000000



# Previews

## White Background



This preview shows how the Hex color 7D5555 looks on a white background.

## Color Contrast Check

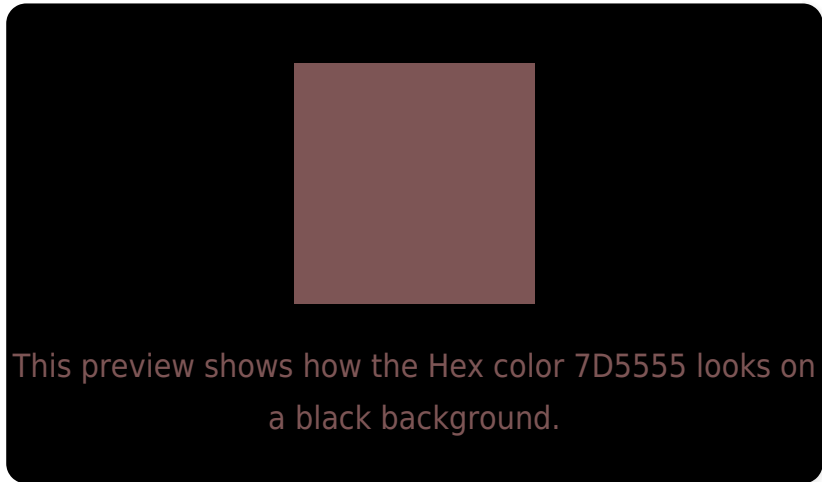
Large Text (above 18pt) WCAG AA ✓ Pass

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

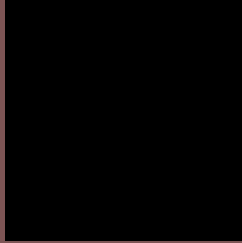
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5555 Background



This preview shows how black text looks on a background with the Hex color 7D5555.



This preview shows how white text looks on a background with the Hex color 7D5555.

# 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**  
7D5555

**Protanopia**  
635F5A

**Deuteranopia**  
6D5C54



**Tritanopia**  
7E545B

# Trichromacy



**Original Color**

7D5555

**Protanomaly**

6C5B58

**Deuteranomaly**

735954

**Tritanomaly**

7E5459

# Monochromacy



**Original Color**

7D5555

**Achromatopsia**

616161

**Achromatomaly**

6B5D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5555 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 #7D5555 looks like.

```
.text, #text, p{  
    color:#7D5555  
}
```

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 #7D5555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5555  
}
```

## Border

The CSS property to change the border of an element to Hex 7D5555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

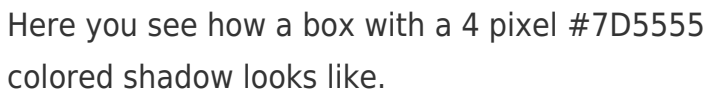
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7D5555 }
```

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

```
.border{ border-color:#7D5555 }
```

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



Here you see how a box with a 4 pixel #7D5555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5555; -webkit-box-shadow:4px 4px  
4px 4px #7D5555; box-shadow:4px 4px 4px  
4px #7D5555 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5555 }
```

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

```
.background{ background-color:#7D5555 }
```

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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