

# Converting Colors

Hex(7D684D)

Have a look what the booklet for  
Hex(7D684D) contains.

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**Color**

**Hex(7D684D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D684D
RGB	125, 104, 77
RGB Percent	49%, 41%, 30%
CMY	0.5098, 0.5922, 0.6980
CMYK	0.00, 0.17, 0.38, 0.51
HSL	34°, 24%, 40%
HSV	34°, 38%, 49%
XYZ	14.7473, 14.7964, 9.0999
YIQ	107.2010, 21.1830, -3.9450

# Conversions

## Conversions Part 2

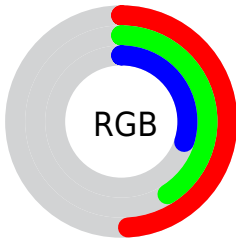
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 125, 77
Decimal	8218701
CIELab	45.35, 4.22, 18.34
CIElCh	45, 18.819, 77.047
Yxy	14.7964, 0.3816, 0.3829
Android (android.graphics.Color)	4286408781 (0xFF7D684D)
YUV	107.2010, -14.8891, 15.6097
Hunter-Lab	38.4661, 1.1184, 12.9001

# Details

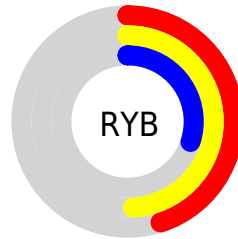
The Hex color **7D684D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D627D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B39B7E**, and **4B3920** is the 20% darker color. If you saturate the color by 10%, you get **7D6341**, and if you desaturate by 10%, it is **7D6D5A**.

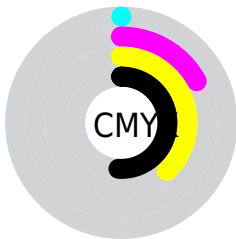
# Distribution



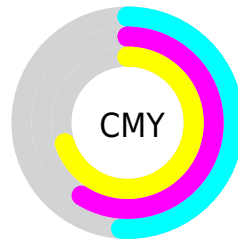
- Red (49%)
- Green (41%)
- Blue (30%)



- Red (45%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D684D 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 7D684D by changing the saturation by 10% instead.



 7D684D

 7D684D

FFFFFF

 635036

 B39B7E

 4B3920

 CEB698

 33240A

 EBD1B3

 1D0F00

 FFEECF

 000000

 FFFFEB

 7D684D

 7D684D

 7D6341

 7D6D5A

 7D5D34

 7D7366

 7D5827

 7D7873

 7D521B

 7D7E7F

 7D4D0E

 7D838C

 7D4702

 7D8998

 7D4600

 7D8EA5

 7D94B1

 7D99BE

# Harmonies

## Analogous

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



886355



7D684D



6E6D4D

# Triad

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



7D684D



3E7474



796481

# Complementary

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



7D684D



4D627D

# 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.



646A89



7D684D



3F7282

# Square

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



7D684D



4A7464



4E6F8A



866173

# Rectangle

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



7D684D



627052



4E6F8A



726684



# Sweetspot

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



7D684D



A39B90



7D4D63



524D46



D1D1D1



525252



# Same Dimension

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



7D684D



A38258



7B7D4D



403D39



804800



000000



# Inverse Universe

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



4D627D



5879A3



4F4D7D



393C40



003880

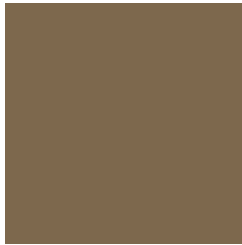


000000



# Previews

## White Background



This preview shows how the Hex color 7D684D looks on a white background.

## Color Contrast Check

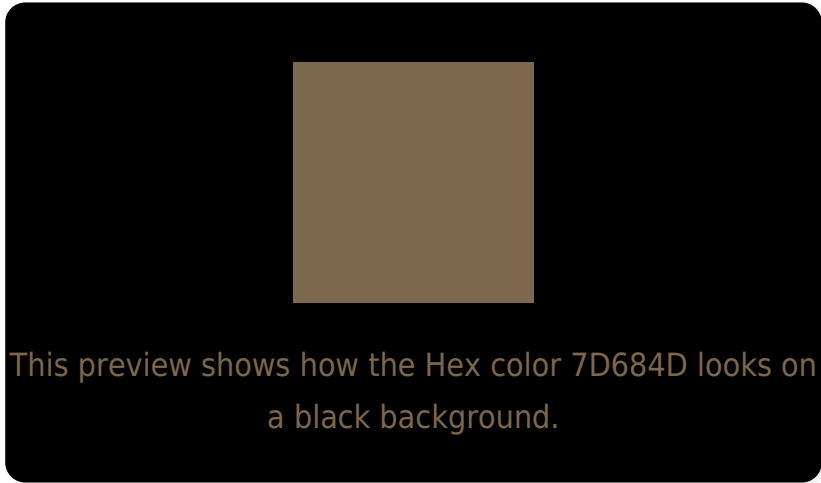
Large Text (above 18pt) WCAG AA ✓ Pass

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

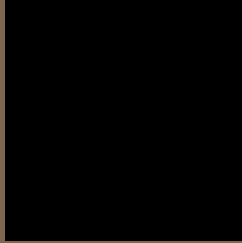
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D684D Background



This preview shows how black text looks on a background with the Hex color 7D684D.



This preview shows how white text looks on a background with the Hex color 7D684D.

# 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**  
7D684D

**Protanopia**  
736B4E

**Deuteranopia**  
80674D



**Tritanopia**  
80646C

# Trichromacy



**Original Color**  
7D684D

**Protanomaly**  
776A4E

**Deuteranomaly**  
7F674D

**Tritanomaly**  
7F6561

# Monochromacy



**Original Color**  
7D684D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
726A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D684D 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 #7D684D looks like.

```
.text, #text, p{  
    color:#7D684D  
}
```

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 #7D684D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D684D
}
```

## Border

The CSS property to change the border of an element to Hex 7D684D 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
#7D684D }
```

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

```
.border{ border-color:#7D684D }
```

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

Here you see how a box with a 4 pixel #7D684D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D684D; -webkit-box-shadow:4px 4px  
4px 4px #7D684D; box-shadow:4px 4px 4px  
4px #7D684D }
```

# Background

The CSS property to change the background color of an element to Hex 7D684D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D684D }
```

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

```
.background{ background-color:#7D684D }
```

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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