

# Converting Colors

Hex(787743)

Have a look what the booklet for  
Hex(787743) contains.

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**Color**

**Hex(787743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	787743
RGB	120, 119, 67
RGB Percent	47%, 47%, 26%
CMY	0.5294, 0.5333, 0.7373
CMYK	0.00, 0.01, 0.44, 0.53
HSL	59°, 28%, 37%
HSV	59°, 44%, 47%
XYZ	15.3557, 17.5920, 7.8964
YIQ	113.3710, 17.2880, -15.9600

# Conversions

## Conversions Part 2

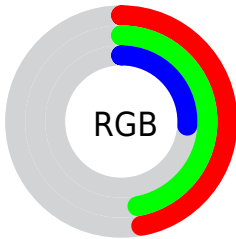
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 120, 67
Decimal	7894851
CIELab	49.00, -7.84, 28.66
CIElCh	49, 29.714, 105.301
Yxy	17.5920, 0.3760, 0.4307
Android (android.graphics.Color)	4286084931 (0xFF787743)
YUV	113.3710, -22.8609, 5.8136
Hunter-Lab	41.9428, -8.0492, 18.1976

# Details

The Hex color **787743** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **434478**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ADAB74**, and **464715** is the 20% darker color. If you saturate the color by 10%, you get **787737**, and if you desaturate by 10%, it is **78774F**.

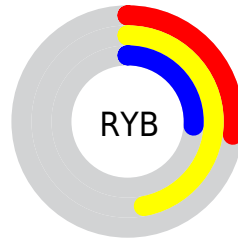
# Distribution



Red (47%)

Green (47%)

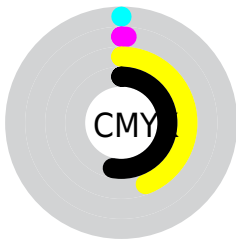
Blue (26%)



Red (27%)

Yellow (47%)

Blue (26%)

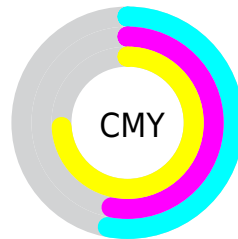


Cyan (0%)

Magenta (1%)

Yellow (44%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787743 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 787743 by changing the saturation by 10% instead.





787743



787743

FFFFFF



5F5E2C



ADAB74



464715



C9C68E



2F3000



E6E2A9



181C00



FFFFC4



000000



FFFFE0

FFFFFFD



787743



787743



787737



78774F

 78772B

 78775B

 78761F

 787867

 787613

 787873

 787607

 78787F

 787600

 78788B

 787997

 7879A3

 7879AF

# Harmonies

## Analogous

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



906F44



787743



5C7D50

# Triad

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



787743



008097



9E6282

# Complementary

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



787743



434478

# 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.



876998



787743



387BA5

# Square

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



787743



0E8281



6572A5



A56168

# Rectangle

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



787743



47805F



6572A5



98648A



# Sweetspot

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



787743



9C9B87



784345



4F4F42



CFCFCF



4F4F4F



# Same Dimension

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



787743



9C9A49



5F7843



3D3D37



7D7B00



FCF800



# Inverse Universe

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



434478



494B9C



5C4378



37373D



00027D



0005FC



# Previews

## White Background



This preview shows how the Hex color 787743 looks on a white background.

## Color Contrast Check

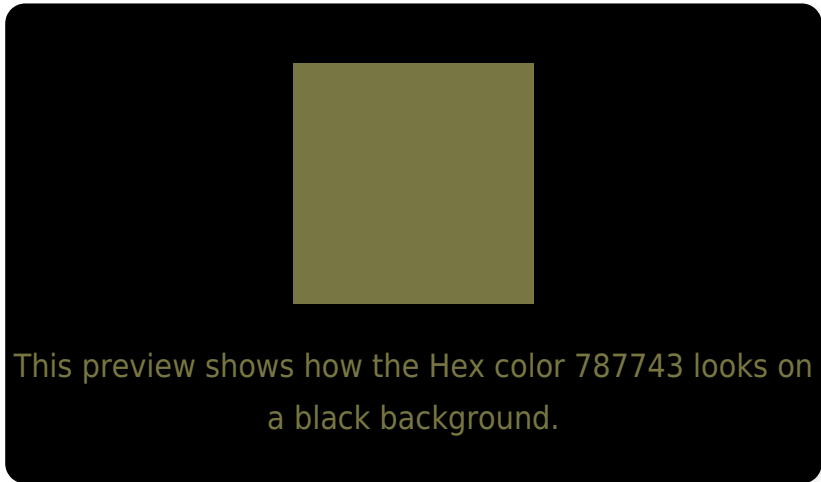
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

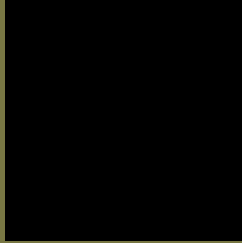
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 787743 Background



This preview shows how black text looks on a background with the Hex color 787743.



This preview shows how white text looks on a background with the Hex color 787743.

# 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**

787743

**Protanopia**

807442

**Deuteranopia**

8D6F45



**Tritanopia**  
7E717A

# Trichromacy



**Original Color**  
787743

**Protanomaly**  
7D7542

**Deuteranomaly**  
857244

**Tritanomaly**  
7C7366

# Monochromacy



**Original Color**  
787743

**Achromatopsia**  
717171

**Achromatomaly**  
747360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787743 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 #787743 looks like.

```
.text, #text, p{  
    color:#787743  
}
```

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 #787743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787743
}
```

## Border

The CSS property to change the border of an element to Hex 787743 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
#787743 }
```

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

```
.border{ border-color:#787743 }
```

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

Here you see how a box with a 4 pixel #787743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787743; -webkit-box-shadow:4px 4px  
4px 4px #787743; box-shadow:4px 4px 4px  
4px #787743 }
```

# Background

The CSS property to change the background color of an element to Hex 787743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787743 }
```

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

```
.background{ background-color:#787743 }
```

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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