

# Converting Colors

Hex(787840)

Have a look what the booklet for  
Hex(787840) contains.

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**Color**

**Hex(787840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	787840
RGB	120, 120, 64
RGB Percent	47%, 47%, 25%
CMY	0.5294, 0.5294, 0.7490
CMYK	0.00, 0.00, 0.47, 0.53
HSL	60°, 30%, 36%
HSV	60°, 47%, 47%
XYZ	15.3876, 17.7962, 7.4745
YIQ	113.6160, 17.9760, -17.4160

# Conversions

## Conversions Part 2

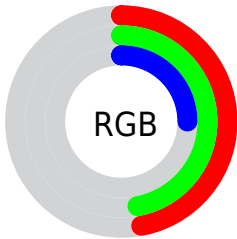
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 120, 64
Decimal	7895104
CIELab	49.25, -8.73, 30.61
CIELCh	49, 31.827, 105.924
Yxy	17.7962, 0.3785, 0.4377
Android (android.graphics.Color)	4286085184 (0xFF787840)
YUV	113.6160, -24.4607, 5.5988
Hunter-Lab	42.1855, -8.7149, 19.0248

# Details

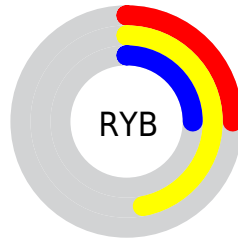
The Hex color **787840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **404078**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ADAC71**, and **464812** is the 20% darker color. If you saturate the color by 10%, you get **787834**, and if you desaturate by 10%, it is **78784C**.

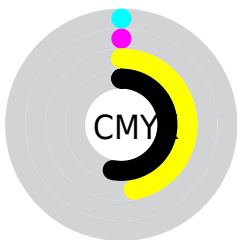
# Distribution



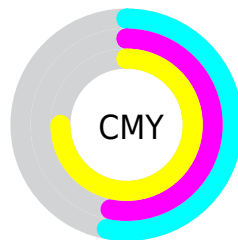
- Red (47%)
- Green (47%)
- Blue (25%)



- Red (25%)
- Yellow (47%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (53%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787840 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 787840 by changing the saturation by 10% instead.



 787840

 787840

FFFFFF

 5E5F29

 ADAC71

 464812

 C9C78B

 2F3100

 E6E3A6

 171D00

 FFFFC1

 000000

 FFFFDD

 FFFFFA

 787840

 787840

 787834

 78784C

 787828

 787858

 78781C

 787864

 787810

 787870

 787804

 78787C

 787800

 787888

 787894

 7878A0

 7878AC

# Harmonies

## Analogous

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



916F41



787840



5A7F4E

# Triad

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



787840



00819B



A16183

# Complementary

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



787840



404078

# 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.



8A699B



787840



317BA9

# Square

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



787840



008383



6473A9



A96068

# Rectangle

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



787840



42815E



6473A9



9B638C



# Sweetspot

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



787840



9C9C86



784040



4F4F42



CFCFCF



4F4F4F



# Same Dimension

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



787840



9C9C44



5C7840



3D3D37



7D7D00



FCFC00



# Inverse Universe

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



404078



44449C



5C4078



37373D



00007D



0000FC



# Previews

## White Background



This preview shows how the Hex color 787840 looks on a white background.

## Color Contrast Check

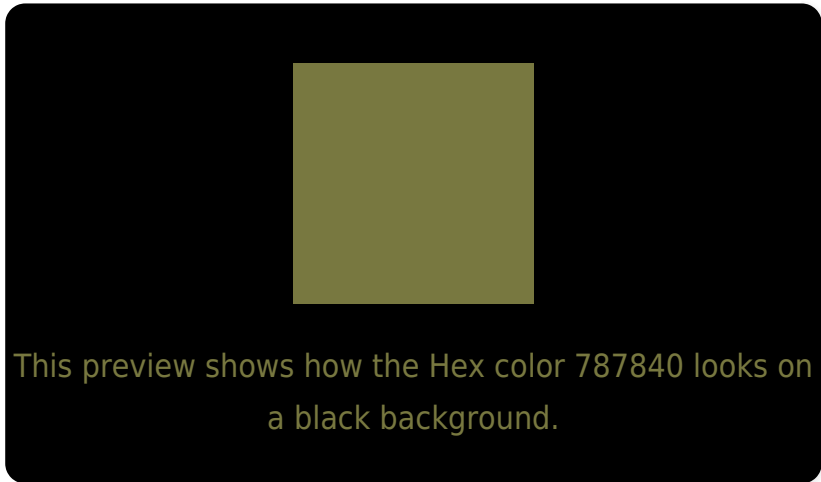
Large Text (above 18pt) WCAG AA ✓ Pass

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

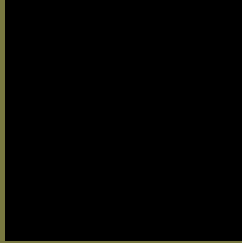
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 787840 Background



This preview shows how black text looks on a background with the Hex color 787840.



This preview shows how white text looks on a background with the Hex color 787840.

# 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**

787840

**Protanopia**

81753F

**Deuteranopia**

8F7042



**Tritanopia**  
7E717A

# Trichromacy



**Original Color**  
787840

**Protanomaly**  
7E763F

**Deuteranomaly**  
877341

**Tritanomaly**  
7C7465

# Monochromacy



**Original Color**  
787840

**Achromatopsia**  
727272

**Achromatomaly**  
747460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787840 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 #787840 looks like.

```
.text, #text, p{  
    color:#787840  
}
```

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 #787840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787840
}
```

## Border

The CSS property to change the border of an element to Hex 787840 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
#787840 }
```

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

```
.border{ border-color:#787840 }
```

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

Here you see how a box with a 4 pixel #787840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787840; -webkit-box-shadow:4px 4px  
4px 4px #787840; box-shadow:4px 4px 4px  
4px #787840 }
```

# Background

The CSS property to change the background color of an element to Hex 787840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787840 }
```

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

```
.background{ background-color:#787840 }
```

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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