

Converting Colors

Hex(787854)

Have a look what the booklet for
Hex(787854) contains.

Hex(787854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(787854)

Conversions

Conversions Part 1

Format	Color
Hex	787854
RGB	120, 120, 84
RGB Percent	47%, 47%, 33%
CMY	0.5294, 0.5294, 0.6706
CMYK	0.00, 0.00, 0.30, 0.53
HSL	60°, 18%, 40%
HSV	60°, 30%, 47%
XYZ	16.0624, 18.0661, 11.0280
YIQ	115.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

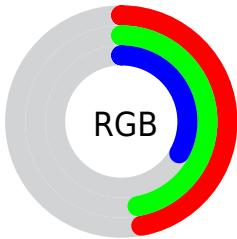
Format	Color
RYB	84, 120, 84
Decimal	7895124
CIELab	49.58, -6.22, 19.84
CIElCh	50, 20.788, 107.411
Yxy	18.0661, 0.3557, 0.4001
Android (android.graphics.Color)	4286085204 (0xFF787854)
YUV	115.8960, -15.7247, 3.5992
Hunter-Lab	42.5042, -6.9269, 14.3698

Details

The Hex color **787854** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **545478**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **ADAC86**, and **474826** is the 20% darker color. If you saturate the color by 10%, you get **787848**, and if you desaturate by 10%, it is **787860**.

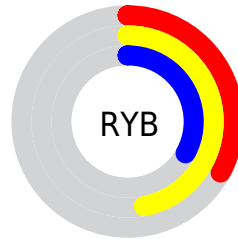
Distribution



Red (47%)

Green (47%)

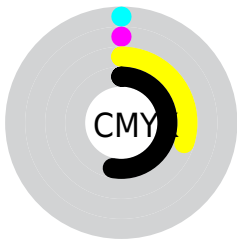
Blue (33%)



Red (33%)

Yellow (47%)

Blue (33%)

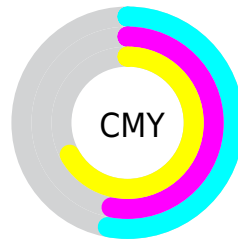


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787854 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 787854 by changing the saturation by 10% instead.



787854



787854

FFFFFF



5F5F3D



ADAC86



474826



C8C7A0



303111



E5E4BB



1B1C00



FFFFD7



000000



FFFFF4



787854



787854



787848



787860



78783C



78786C

 787830

 787878

 787824

 787884

 787818

 787890

 78780C

 78789C

 787800

 7878A8

 7878B4

 7878C0

Harmonies

Analogous

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



897254



787854



647D5E

Triad

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



787854



437E8F



946A7E

Complementary

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



787854



545478

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.



856E8E



787854



557A98

Square

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



787854



428080



6E7497



9A696C

Rectangle

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



787854



567F68



6E7497



906B84

Sweetspot

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



787854



9C9C8E



785454



4F4F46



CFCFCF



4F4F4F

Same Dimension

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



787854



9C9C64



667854



3D3D37



7D7D00



FCFC00

Inverse Universe

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



545478



64649C



665478



37373D



00007D



0000FC

Previews

White Background



This preview shows how the Hex color 787854 looks on a white background.

Color Contrast Check

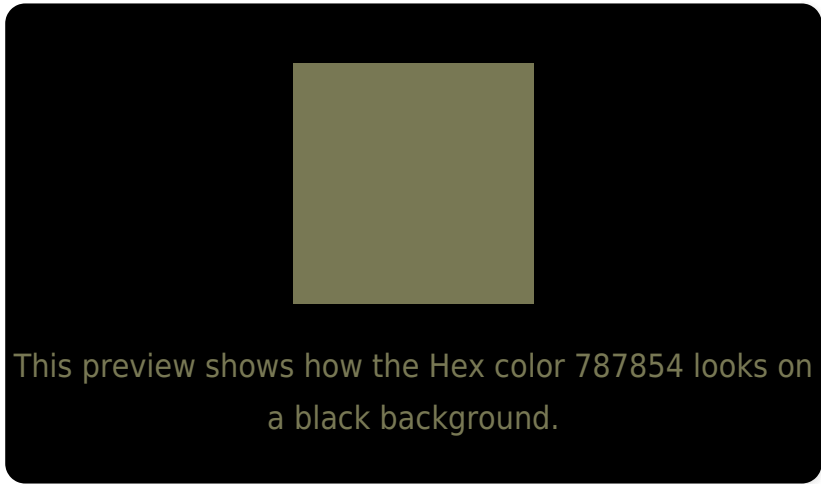
Large Text (above 18pt) WCAG AA ✓ Pass

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

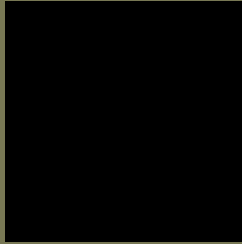
Any Text WCAG AA ✓ Pass

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 787854 Background



This preview shows how black text looks on a background with the Hex color 787854.



This preview shows how white text looks on a background with the Hex color 787854.

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

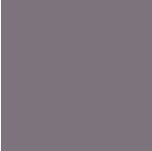
787854

Protanopia

7F7653

Deuteranopia

8C7156



Tritanopia
7D737C

Trichromacy



Original Color
787854

Protanomaly
7C7753

Deuteranomaly
857455

Tritanomaly
7B756D

Monochromacy



Original Color
787854

Achromatopsia
747474

Achromatomaly
757568

CSS Examples

Text

The CSS property to change the color of the text to Hex 787854 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 #787854 looks like.

```
.text, #text, p{  
    color:#787854  
}
```

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 #787854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787854
}
```

Border

The CSS property to change the border of an element to Hex 787854 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
#787854 }
```

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

```
.border{ border-color:#787854 }
```

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

Here you see how a box with a 4 pixel #787854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787854; -webkit-box-shadow:4px 4px  
4px 4px #787854; box-shadow:4px 4px 4px  
4px #787854 }
```

Background

The CSS property to change the background color of an element to Hex 787854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787854 }
```

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

```
.background{ background-color:#787854 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor