

Converting Colors

Hex(657854)

Have a look what the booklet for
Hex(657854) contains.

Hex(657854)	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(657854)

Conversions

Conversions Part 1

Format	Color
Hex	657854
RGB	101, 120, 84
RGB Percent	40%, 47%, 33%
CMY	0.6039, 0.5294, 0.6706
CMYK	0.16, 0.00, 0.30, 0.53
HSL	92°, 18%, 40%
HSV	92°, 30%, 47%
XYZ	13.6835, 16.8397, 10.9167
YIQ	110.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

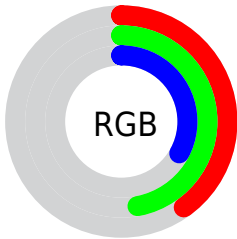
Format	Color
RYB	84, 120, 103
Decimal	6649940
CIELab	48.06, -14.06, 17.53
CIElCh	48, 22.471, 128.722
Yxy	16.8397, 0.3302, 0.4064
Android (android.graphics.Color)	4284840020 (0xFF657854)
YUV	110.2150, -12.9240, -8.0816
Hunter-Lab	41.0362, -12.2926, 12.9527

Details

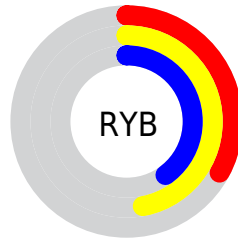
The Hex color **657854** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **675478**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **98AC86**, and **354726** is the 20% darker color. If you saturate the color by 10%, you get **5F7848**, and if you desaturate by 10%, it is **6B7860**.

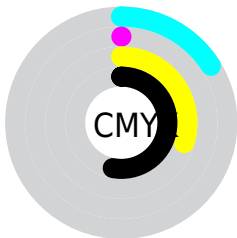
Distribution



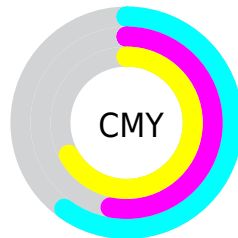
- Red (40%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657854 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 657854 by changing the saturation by 10% instead.



657854



657854

FFFFFF



4D5F3D



98AC86



354726



B3C8A0



1F3112



CFE4BB



091C00



EBFFD7



000000



FFFFF3



657854



657854



5F7848



6B7860



58783C



72786C

■ 527830

■ 787878

■ 4C7824

■ 7E7884

■ 457818

■ 857890

■ 3F780C

■ 8B789C

■ 397800

■ 9178A8

■ 9878B4

■ 9E78C0

Harmonies

Analogous

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



7A734C



657854



4F7B64

Triad

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



657854



467895



98646D

Complementary

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



657854



675478

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.



8F6680



657854



627297

Square

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



657854



357B89



7C6B90



96675B

Rectangle

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



657854



417C71



7C6B90



966474

Sweetspot

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



657854



949C8E



786754



4A4F46



CFCFCF



4F4F4F

Same Dimension

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



657854



7E9C64



547855



3A3D37



3B7D00



77FC00

Inverse Universe

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



675478



81649C



785477



3A373D



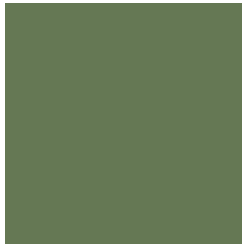
42007D



8500FC

Previews

White Background



This preview shows how the Hex color 657854 looks on a white background.

Color Contrast Check

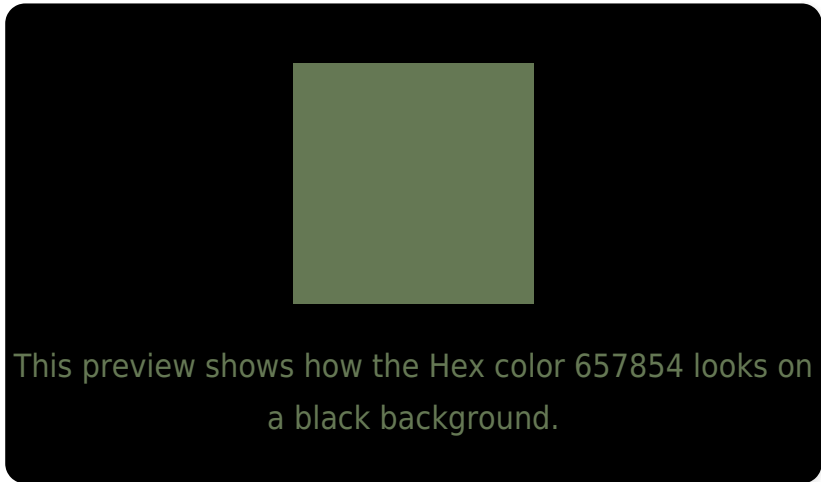
Large Text (above 18pt) WCAG AA ✓ Pass

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

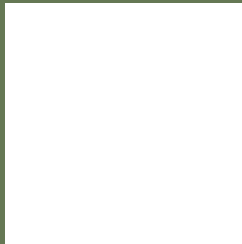
Any Text WCAG AAA × Fail

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

Hex 657854 Background



This preview shows how black text looks on a background with the Hex color 657854.



This preview shows how white text looks on a background with the Hex color 657854.

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
657854

Protanopia
7B7251

Deuteranopia
866D56



Tritanopia
6B737C

Trichromacy



Original Color
657854

Protanomaly
737452

Deuteranomaly
7A7155

Tritanomaly
69756D

Monochromacy



Original Color
657854

Achromatopsia
6E6E6E

Achromatomaly
6B7265

CSS Examples

Text

The CSS property to change the color of the text to Hex 657854 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 #657854 looks like.

```
.text, #text, p{  
    color:#657854  
}
```

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 #657854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657854
}
```

Border

The CSS property to change the border of an element to Hex 657854 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
#657854 }
```

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

```
.border{ border-color:#657854 }
```

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

Here you see how a box with a 4 pixel #657854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657854; -webkit-box-shadow:4px 4px  
4px 4px #657854; box-shadow:4px 4px 4px  
4px #657854 }
```

Background

The CSS property to change the background color of an element to Hex 657854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657854 }
```

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

```
.background{ background-color:#657854 }
```

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