

Converting Colors

Hex(857244)

Have a look what the booklet for
Hex(857244) contains.

Hex(857244)	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(857244)

Conversions

Conversions Part 1

Format	Color
Hex	857244
RGB	133, 114, 68
RGB Percent	52%, 45%, 27%
CMY	0.4784, 0.5529, 0.7333
CMYK	0.00, 0.14, 0.49, 0.48
HSL	42°, 32%, 39%
HSV	42°, 49%, 52%
XYZ	16.7336, 17.4385, 7.9529
YIQ	114.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

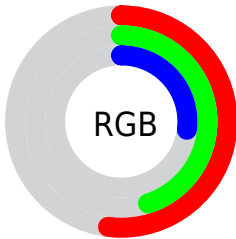
Format	Color
RYB	95, 133, 68
Decimal	8745540
CIELab	48.81, 0.89, 28.14
CIElCh	49, 28.150, 88.190
Yxy	17.4385, 0.3972, 0.4140
Android (android.graphics.Color)	4286935620 (0xFF857244)
YUV	114.4370, -22.8934, 16.2798
Hunter-Lab	41.7595, -1.5518, 17.9402

Details

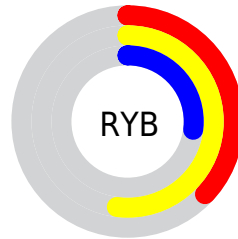
The Hex color **857244** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **445785**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BCA675**, and **524217** is the 20% darker color. If you saturate the color by 10%, you get **856E37**, and if you desaturate by 10%, it is **857651**.

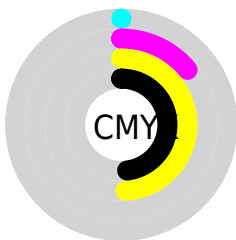
Distribution



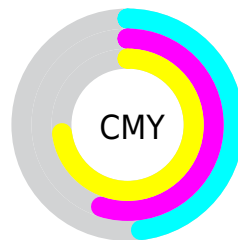
- Red (52%)
- Green (45%)
- Blue (27%)



- Red (37%)
- Yellow (52%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (48%)



- Cyan (48%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 857244 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 857244 by changing the saturation by 10% instead.



857244



857244

FFFFFF



6B5A2D



BCA675



524217



D8C18F



3A2C00



F5DDAA



221800



FFF9C5



000000



FFFFE1

FFFFFFE



857244



857244



856E37



857651

■ 856A29

■ 857A5F

■ 85661C

■ 857E6C

■ 85620F

■ 858279

■ 855F01

■ 858587

■ 855E00

■ 858994

■ 858DA1

■ 8591AE

■ 8595BC

Harmonies

Analogous

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



986A4C



857244



6C7949

Triad

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



857244



11808A



91668D

Complementary

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



857244



445785

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.



756E9E



857244



257D9C

Square

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



857244



308172



4F77A3



A06276

Rectangle

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



857244



5A7D53



4F77A3



896994

Sweetspot

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



857244



ADA693



854458



575247



D6D6D6



575757

Same Dimension

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



857244



AD8F47



788544



42403C



825C00



030200

Inverse Universe

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



445785



4765AD



514485



3C3E42



002682



000103

Previews

White Background



This preview shows how the Hex color 857244 looks on a white background.

Color Contrast Check

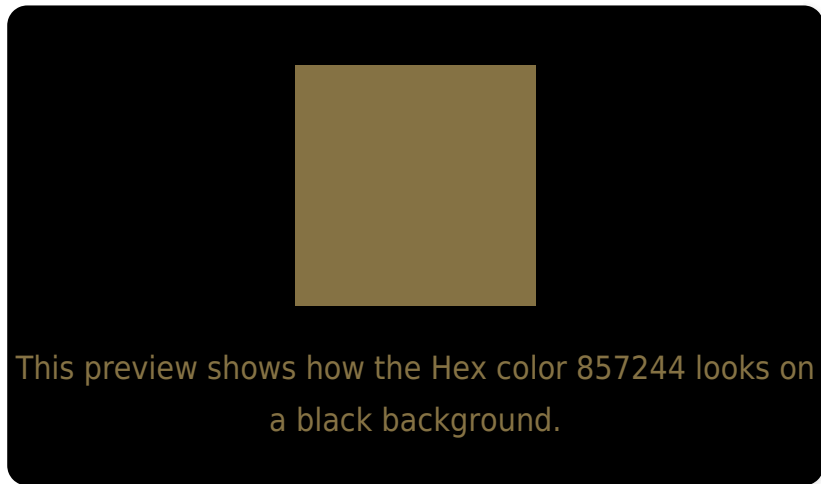
Large Text (above 18pt) WCAG AA ✓ Pass

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

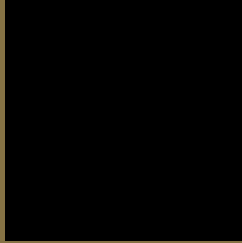
Any Text WCAG AA × Fail

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 857244 Background



This preview shows how black text looks on a background with the Hex color 857244.



This preview shows how white text looks on a background with the Hex color 857244.

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
857244

Protanopia
7F7445

Deuteranopia
8D6F45



Tritanopia
8A6C75

Trichromacy



Original Color
857244

Protanomaly
817345

Deuteranomaly
8A7045

Tritanomaly
886E63

Monochromacy



Original Color
857244

Achromatopsia
727272

Achromatomaly
797261

CSS Examples

Text

The CSS property to change the color of the text to Hex 857244 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 #857244 looks like.

```
.text, #text, p{  
    color:#857244  
}
```

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 #857244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857244
}
```

Border

The CSS property to change the border of an element to Hex 857244 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
#857244 }
```

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

```
.border{ border-color:#857244 }
```

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

Here you see how a box with a 4 pixel #857244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857244; -webkit-box-shadow:4px 4px  
4px 4px #857244; box-shadow:4px 4px 4px  
4px #857244 }
```

Background

The CSS property to change the background color of an element to Hex 857244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857244 }
```

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

```
.background{ background-color:#857244 }
```

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