

# Converting Colors

Hex(853344)

Have a look what the booklet for  
Hex(853344) contains.

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**Color**

**Hex(853344)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853344
RGB	133, 51, 68
RGB Percent	52%, 20%, 27%
CMY	0.4784, 0.8000, 0.7333
CMYK	0.00, 0.62, 0.49, 0.48
HSL	348°, 45%, 36%
HSV	348°, 62%, 52%
XYZ	11.9001, 7.7716, 6.3417
YIQ	77.4560, 43.4150, 22.6710

# Conversions

## Conversions Part 2

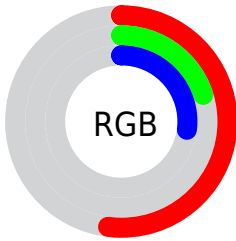
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 51, 68
Decimal	8729412
CIE <sub>Lab</sub>	33.50, 36.76, 7.82
CIE <sub>LCh</sub>	34, 37.585, 12.014
Yxy	7.7716, 0.4575, 0.2988
Android (android.graphics.Color)	4286919492 (0xFF853344)
YUV	77.4560, -4.6618, 48.7121
Hunter-Lab	27.8775, 27.4107, 6.0267

# Details

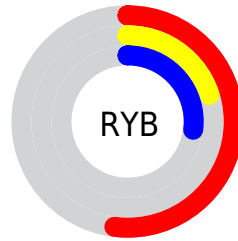
The Hex color **853344** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **338574**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **BD6574**, and **4F0019** is the 20% darker color. If you saturate the color by 10%, you get **852639**, and if you desaturate by 10%, it is **85404F**.

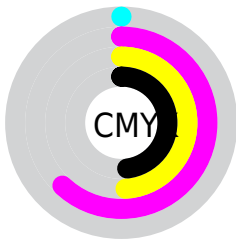
# Distribution



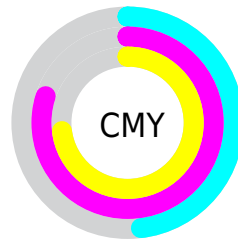
- Red (52%)
- Green (20%)
- Blue (27%)



- Red (52%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (62%)
- Yellow (49%)
- Black (48%)



- Cyan (48%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 853344 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 853344 by changing the saturation by 10% instead.



 853344

 853344

FFFFFF

 6A192E

 BD6574

 4F0019

 DB7F8D

 360000

 F89AA8

 140000

 FFB5C3

 000000

 FFD2DF

 FFEEFB

 853344

 853344

 852639

 85404F

85182F

854E59

850B24

855B64

85001C

85686E

857679

858383

85908E

859D98

85ABA3

# Harmonies

## Analogous

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



7B3662



853344



7F3B28

# Triad

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



853344



325820



005787

# Complementary

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



853344



338574

# 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.



005C76



853344



005C3B

# Square

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



853344



53510E



005D5A



2A4E89

# Rectangle

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



853344



744319



005D5A



005983



# Sweetspot

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



853344



AD8E95



733385



574448



D6D6D6



575757



# Same Dimension

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



853344



AD2D48



854A33



423C3D



82001B



030001



# Inverse Universe

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



853344



AD2D48



336E85



423C3D



82001B

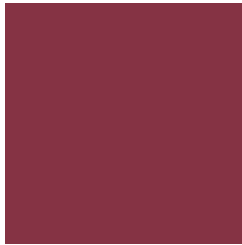


030001



# Previews

## White Background



This preview shows how the Hex color 853344 looks on a white background.

## Color Contrast Check

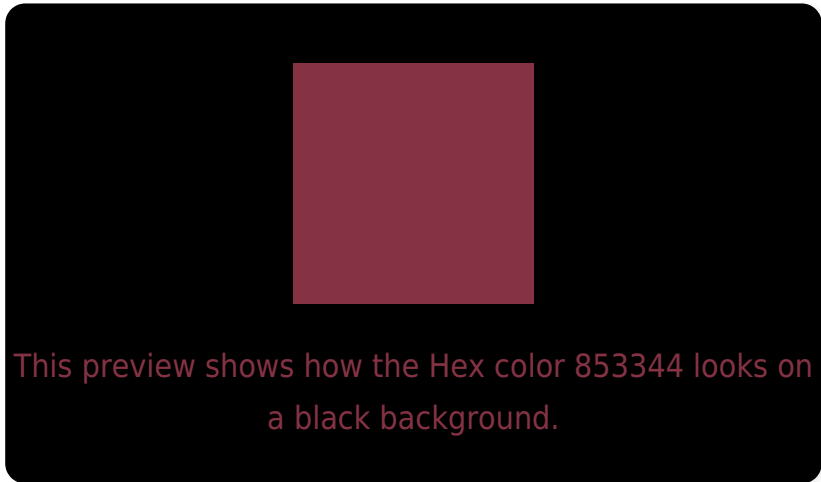
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

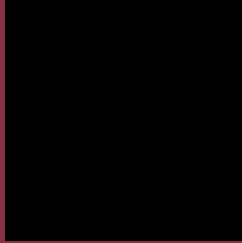
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 853344 Background



This preview shows how black text looks on a background with the Hex color 853344.



This preview shows how white text looks on a background with the Hex color 853344.

# 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**  
853344

**Protanopia**  
504F53

**Deuteranopia**  
5D4D40



**Tritanopia**  
843539

# Trichromacy



**Original Color**  
853344

**Protanomaly**  
63454E

**Deuteranomaly**  
6C4441

**Tritanomaly**  
84343D

# Monochromacy



**Original Color**  
853344

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
61444A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 853344 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 #853344 looks like.

```
.text, #text, p{  
    color:#853344  
}
```

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 #853344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853344
}
```

## Border

The CSS property to change the border of an element to Hex 853344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

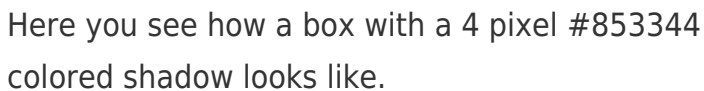
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853344 }
```

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

```
.border{ border-color:#853344 }
```

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



Here you see how a box with a 4 pixel #853344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853344; -webkit-box-shadow:4px 4px  
4px 4px #853344; box-shadow:4px 4px 4px  
4px #853344 }
```

# Background

The CSS property to change the background color of an element to Hex 853344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853344 }
```

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

```
.background{ background-color:#853344 }
```

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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