

Converting Colors

Hex(853C58)

Have a look what the booklet for
Hex(853C58) contains.

| | |
|--|----|
| Hex(853C58) | 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(853C58)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 853C58 |
| RGB | 133, 60, 88 |
| RGB Percent | 52%, 24%, 35% |
| CMY | 0.4784, 0.7647, 0.6549 |
| CMYK | 0.00, 0.55, 0.34, 0.48 |
| HSL | 337°, 38%, 38% |
| HSV | 337°, 55%, 52% |
| XYZ | 13.0502, 8.9228, 10.2670 |
| YIQ | 85.0190, 34.5200, 24.1840 |

Conversions

Conversions Part 2

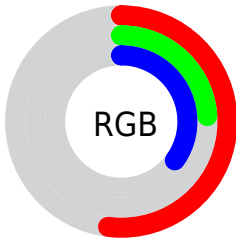
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 133, 60, 88 |
| Decimal | 8731736 |
| CIE _{Lab} | 35.84, 34.52, -1.66 |
| CIE _{LCh} | 36, 34.558, 357.247 |
| Yxy | 8.9228, 0.4048, 0.2768 |
| Android (android.graphics.Color) | 4286921816 (0xFF853C58) |
| YUV | 85.0190, 1.4696, 42.0793 |
| Hunter-Lab | 29.8711, 25.7091, 0.5313 |

Details

The Hex color **853C58** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C8569**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **BC6E8A**, and **50082B** is the 20% darker color. If you saturate the color by 10%, you get **852F50**, and if you desaturate by 10%, it is **854960**.

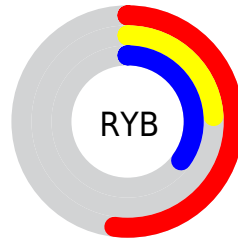
Distribution



Red (52%)

Green (24%)

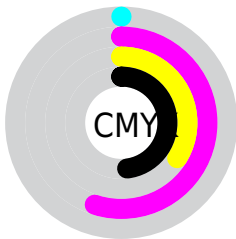
Blue (35%)



Red (52%)

Yellow (24%)

Blue (35%)

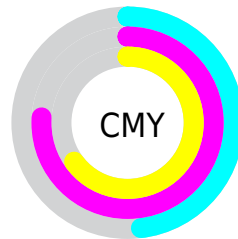


Cyan (0%)

Magenta (55%)

Yellow (34%)

Black (48%)



Cyan (48%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 853C58 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 853C58 by changing the saturation by 10% instead.

 853C58

 853C58

FFFFFF

 6A2341

 BC6E8A

 50082B

 D988A4

 370016

 F6A3BF

 1E0001

 FFBFDB

 000000

 FFDBF7

 FFF8FF

 853C58

 853C58

 852F50

 854960

852148

855768

85143F

856471

850737

857179

850033

857F81

858C89

859991

85A69A

85B4A2

Harmonies

Analogous

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



744373



853C58



873E3D

Triad

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



853C58



4B5A20



005F82

Complementary

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



853C58



3C8569

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.



00626D



853C58



265F35

Square

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



853C58



66521A



006251



08588B

Rectangle

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



853C58



80442D



006251



00607C

Sweetspot

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



853C58



AD929C



683C85



57464D



D6D6D6



575757

Same Dimension

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



853C58



AD3B67



85433C



423C3E



820032



030001

Inverse Universe

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



853C58



AD3B67



3C7E85



423C3E



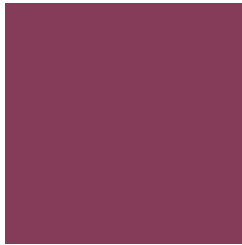
820032



030001

Previews

White Background



This preview shows how the Hex color 853C58 looks on a white background.

Color Contrast Check

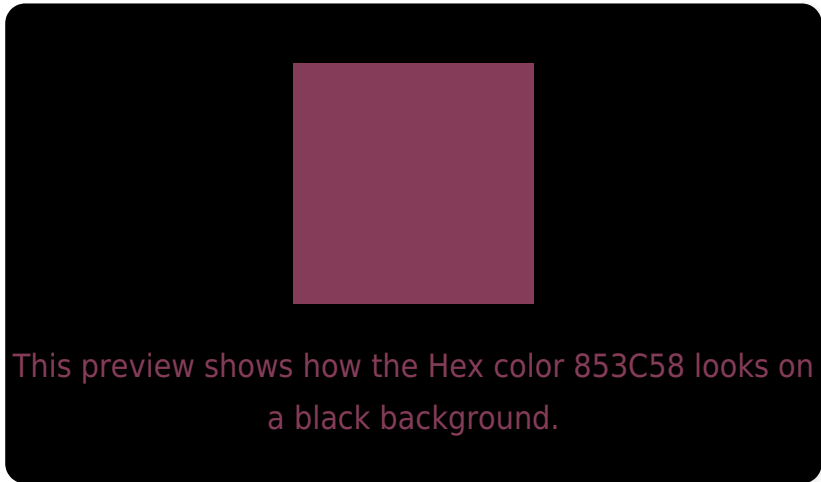
Large Text (above 18pt) WCAG AA ✓ Pass

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 853C58 Background



This preview shows how black text looks on a background with the Hex color 853C58.



This preview shows how white text looks on a background with the Hex color 853C58.

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





Tritanopia
834044

Trichromacy



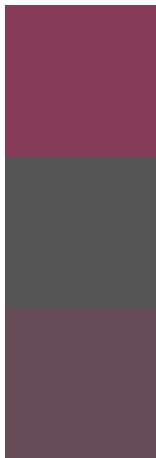
Original Color
853C58

Protanomaly
644B62

Deuteranomaly
6C4A55

Tritanomaly
843F4B

Monochromacy



Original Color
853C58

Achromatopsia
555555

Achromatomaly
664C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 853C58 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 #853C58 looks like.

```
.text, #text, p{  
    color:#853C58  
}
```

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 #853C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853C58
}
```

Border

The CSS property to change the border of an element to Hex 853C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

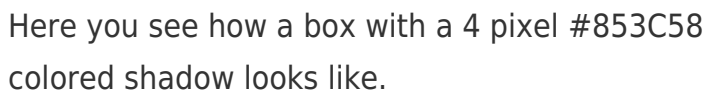
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853C58 }
```

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

```
.border{ border-color:#853C58 }
```

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



Here you see how a box with a 4 pixel #853C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853C58; -webkit-box-shadow:4px 4px  
4px 4px #853C58; box-shadow:4px 4px 4px  
4px #853C58 }
```

Background

The CSS property to change the background color of an element to Hex 853C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853C58 }
```

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

```
.background{ background-color:#853C58 }
```

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