

# Converting Colors

Hex(853F5D)

Have a look what the booklet for  
Hex(853F5D) contains.

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# Color

**Hex(853F5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	853F5D
RGB	133, 63, 93
RGB Percent	52%, 25%, 36%
CMY	0.4784, 0.7529, 0.6353
CMYK	0.00, 0.53, 0.30, 0.48
HSL	334°, 36%, 38%
HSV	334°, 53%, 52%
XYZ	13.4262, 9.3319, 11.4495
YIQ	87.3500, 32.0900, 24.1700

# Conversions

## Conversions Part 2

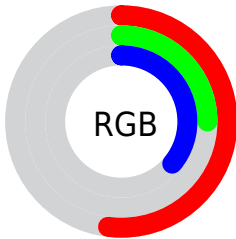
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 63, 93
Decimal	8732509
CIE <sub>Lab</sub>	36.62, 33.61, -3.68
CIE <sub>LCh</sub>	37, 33.810, 353.745
Yxy	9.3319, 0.3925, 0.2728
Android (android.graphics.Color)	4286922589 (0xFF853F5D)
YUV	87.3500, 2.7855, 40.0351
Hunter-Lab	30.5481, 24.9931, -0.8384

# Details

The Hex color **853F5D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3F8567**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BC718F**, and **510D2F** is the 20% darker color. If you saturate the color by 10%, you get **853255**, and if you desaturate by 10%, it is **854C65**.

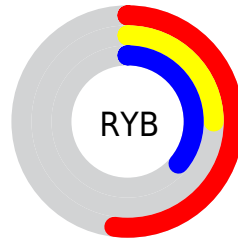
# Distribution



Red (52%)

Green (25%)

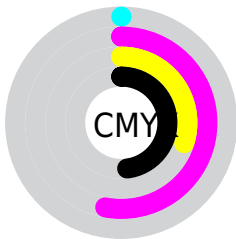
Blue (36%)



Red (52%)

Yellow (25%)

Blue (36%)

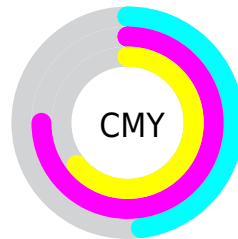


Cyan (0%)

Magenta (53%)

Yellow (30%)

Black (48%)



Cyan (48%)

Magenta (75%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 853F5D 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 853F5D by changing the saturation by 10% instead.



 853F5D

 853F5D

FFFFFF

 6A2745

 BC718F

 510D2F

 D98BAA

 38001A

 F6A6C5

 210001

 FFC2E1

 000000

 FFDEFE

 FFFBFF

 853F5D

 853F5D

 853255

 854C65

85244E

855A6C

851746

856774

850A3F

85747B

850039

858283

858F8B

859C92

85A99A

85B7A1

# Harmonies

## Analogous

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



724677



853F5D



884042

# Triad

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



853F5D



505B22



006181

# Complementary

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



853F5D



3F8567

# 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.



00646B



853F5D



2F6135

# Square

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



853F5D



6B531E



00634F



005B8C

# Rectangle

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



853F5D



834532



00634F



00627B



# Sweetspot

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



853F5D



AD929E



673F85



57464D



D6D6D6



575757



# Same Dimension

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



853F5D



AD406F



85443F



423C3F



820038



030001



# Inverse Universe

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



853F5D



AD406F



3F8085



423C3F



820038

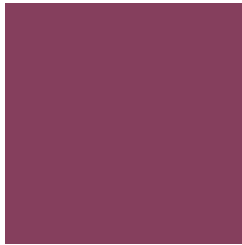


030001



# Previews

## White Background



This preview shows how the Hex color 853F5D looks on a white background.

## Color Contrast Check

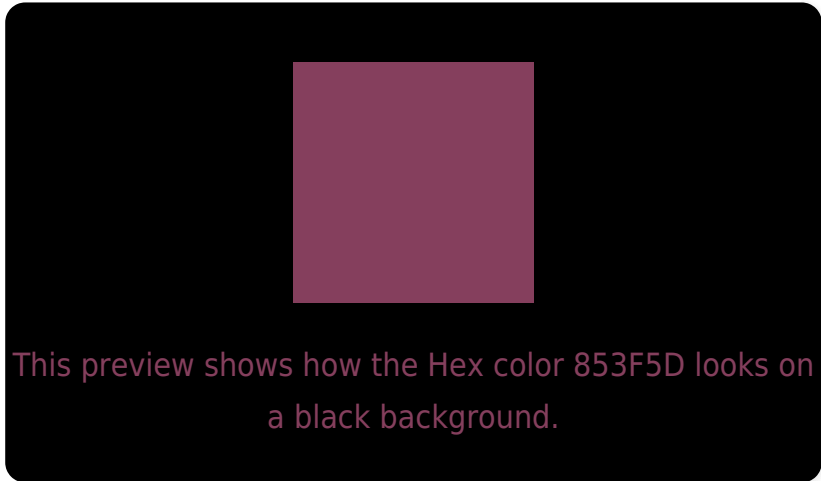
Large Text (above 18pt) WCAG AA ✓ Pass

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

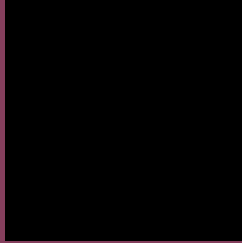
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 853F5D Background



This preview shows how black text looks on a background with the Hex color 853F5D.




This preview shows how white text looks on a background with the Hex color 853F5D.

# 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**  
834348

# Trichromacy



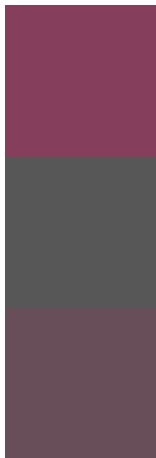
**Original Color**  
853F5D

**Protanomaly**  
654E67

**Deuteranomaly**  
6C4C5B

**Tritanomaly**  
844250

# Monochromacy



**Original Color**  
853F5D

**Achromatopsia**  
575757

**Achromatomaly**  
684E59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 853F5D 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 #853F5D looks like.

```
.text, #text, p{  
    color:#853F5D  
}
```

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 #853F5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853F5D
}
```

## Border

The CSS property to change the border of an element to Hex 853F5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

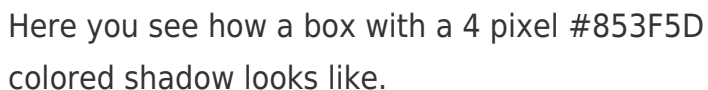
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853F5D }
```

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

```
.border{ border-color:#853F5D }
```

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



Here you see how a box with a 4 pixel #853F5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853F5D; -webkit-box-shadow:4px 4px  
4px 4px #853F5D; box-shadow:4px 4px 4px  
4px #853F5D }
```

# Background

The CSS property to change the background color of an element to Hex 853F5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853F5D }
```

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

```
.background{ background-color:#853F5D }
```

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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