

Converting Colors

Hex(853D75)

Have a look what the booklet for
Hex(853D75) contains.

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Color

Hex(853D75)

Conversions

Conversions Part 1

Format	Color
Hex	853D75
RGB	133, 61, 117
RGB Percent	52%, 24%, 46%
CMY	0.4784, 0.7608, 0.5412
CMYK	0.00, 0.54, 0.12, 0.48
HSL	313°, 37%, 38%
HSV	313°, 54%, 52%
XYZ	14.5525, 9.6084, 17.9172
YIQ	88.9120, 24.9360, 32.6800

Conversions

Conversions Part 2

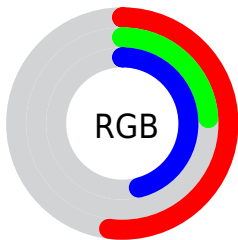
Format	Color
R_{YB}	133, 61, 117
Decimal	8732021
CIE _{Lab}	37.13, 38.48, -17.99
CIE _{LCh}	37, 42.477, 334.937
Yxy	9.6084, 0.3458, 0.2283
Android (android.graphics.Color)	4286922101 (0xFF853D75)
YUV	88.9120, 13.8474, 38.6652
Hunter-Lab	30.9974, 29.5558, -12.5728

Details

The Hex color **853D75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D854D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BC70A9**, and **510745** is the 20% darker color. If you saturate the color by 10%, you get **853072**, and if you desaturate by 10%, it is **854A78**.

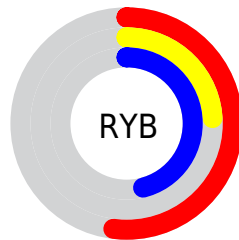
Distribution



Red (52%)

Green (24%)

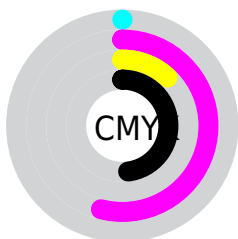
Blue (46%)



Red (52%)

Yellow (24%)

Blue (46%)

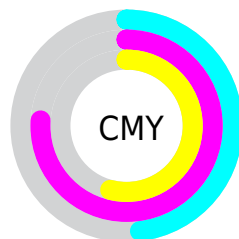


Cyan (0%)

Magenta (54%)

Yellow (12%)

Black (48%)



Cyan (48%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 853D75 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 853D75 by changing the saturation by 10% instead.

 853D75

 853D75

FFFFFF

 6B245C

 BC70A9

 510745

 D88AC5

 38002E

 F5A5E1

 220019

 FFC1FD

 000000

 FFDDFF

 FFFAFF

 853D75

 853D75

 853072

 854A78

85226F

85587B

85156C

85657E

850869

857281

850067

858084

858D87

859A8A

85A78D

85B590

Harmonies

Analogous

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



604C90



853D75



953653

Triad

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



853D75



645808



00677E

Complementary

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



853D75



3D854D

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.



00685C



853D75



40601A

Square

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



853D75



7F4B17



006639



006295

Rectangle

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



853D75



94393D



006639



006773

Sweetspot

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



853D75



AD92A7



4D3D85



574653



D6D6D6



575757

Same Dimension

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



853D75



AD3D94



853D51



423C41



820065



030002

Inverse Universe

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



853D75



AD3D94



3D8571



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 853D75 looks on a white background.

Color Contrast Check

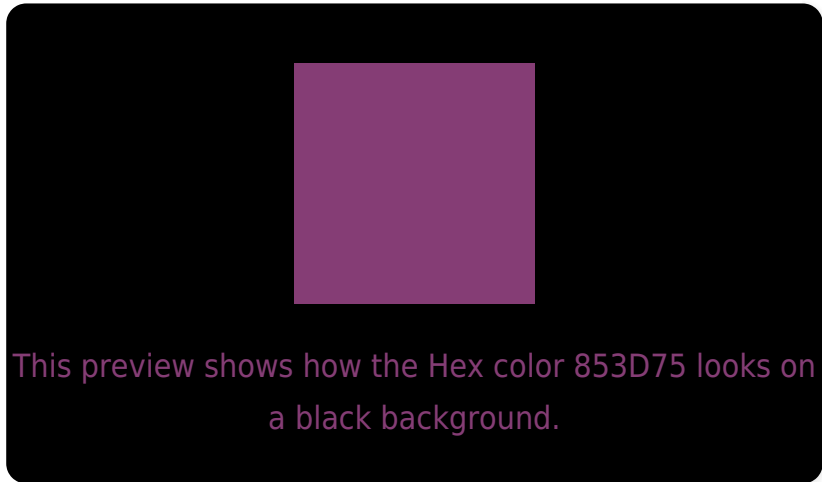
Large Text (above 18pt) WCAG AA ✓ Pass

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

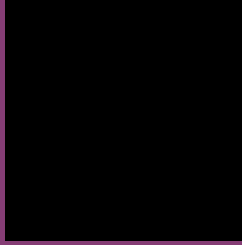
Any Text WCAG AA × Fail

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 853D75 Background



This preview shows how black text looks on a background with the Hex color 853D75.



This preview shows how white text looks on a background with the Hex color 853D75.

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
853D75

Protanopia
455689

Deuteranopia
545671



Tritanopia
81474C

Trichromacy



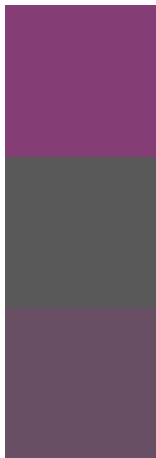
Original Color
853D75

Protanomaly
5C4D82

Deuteranomaly
664D72

Tritanomaly
82435B

Monochromacy



Original Color
853D75

Achromatopsia
595959

Achromatomaly
694F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 853D75 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 #853D75 looks like.

```
.text, #text, p{  
    color:#853D75  
}
```

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 #853D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853D75
}
```

Border

The CSS property to change the border of an element to Hex 853D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

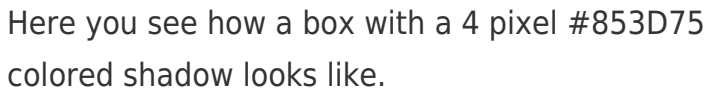
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853D75 }
```

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

```
.border{ border-color:#853D75 }
```

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



Here you see how a box with a 4 pixel #853D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853D75; -webkit-box-shadow:4px 4px  
4px 4px #853D75; box-shadow:4px 4px 4px  
4px #853D75 }
```

Background

The CSS property to change the background color of an element to Hex 853D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853D75 }
```

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

```
.background{ background-color:#853D75 }
```

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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