

Converting Colors

Hex(833B73)

Have a look what the booklet for
Hex(833B73) contains.

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Color

Hex(833B73)

Conversions

Conversions Part 1

Format	Color
Hex	833B73
RGB	131, 59, 115
RGB Percent	51%, 23%, 45%
CMY	0.4863, 0.7686, 0.5490
CMYK	0.00, 0.55, 0.12, 0.49
HSL	313°, 38%, 37%
HSV	313°, 55%, 51%
XYZ	14.0185, 9.1910, 17.2548
YIQ	86.9120, 24.9360, 32.6800

Conversions

Conversions Part 2

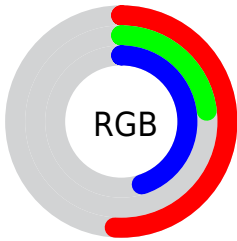
Format	Color
R_{YB}	131, 59, 115
Decimal	8600435
CIE _{Lab}	36.35, 38.53, -17.97
CIE _{LCh}	36, 42.516, 334.994
Yxy	9.1910, 0.3464, 0.2271
Android (android.graphics.Color)	4286790515 (0xFF833B73)
YUV	86.9120, 13.8474, 38.6652
Hunter-Lab	30.3167, 29.4848, -12.5234

Details

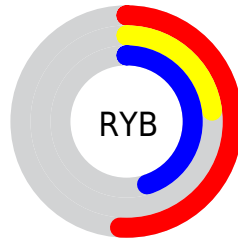
The Hex color **833B73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B834B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BA6EA7**, and **4F0543** is the 20% darker color. If you saturate the color by 10%, you get **832E70**, and if you desaturate by 10%, it is **834876**.

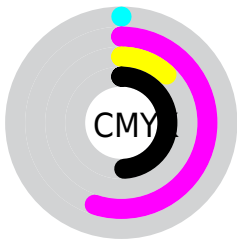
Distribution



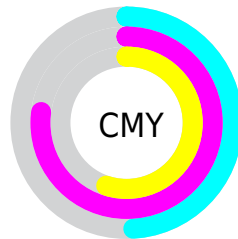
- Red (51%)
- Green (23%)
- Blue (45%)



- Red (51%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (12%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833B73 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 833B73 by changing the saturation by 10% instead.

 833B73

 833B73

FFFFFF

 69225A

 BA6EA7

 4F0543

 D688C2

 36002C

 F3A3DE

 1F0018

 FFBEFB

 000000

 FFDBFF

 FFF7FF

 833B73

 833B73

 832E70

 834876

83216D

835579

83146A

83627C

830767

836F7F

830066

837D82

838A84

839787

83A48A

83B18D

Harmonies

Analogous

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



5E4A8E



833B73



923451

Triad

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



833B73



615606



00657C

Complementary

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



833B73



3B834B

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.



00665A



833B73



3E5F18

Square

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



833B73



7D4915



006437



006193

Rectangle

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



833B73



92373B



006437



006571

Sweetspot

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



833B73



AB90A5



4B3B83



574653



D6D6D6



575757

Same Dimension

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



833B73



AB3A92



833B4F



423C41



820065



030002

Inverse Universe

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



833B73



AB3A92



3B836F



423C41



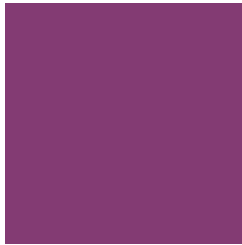
820065



030002

Previews

White Background



This preview shows how the Hex color 833B73 looks on a white background.

Color Contrast Check

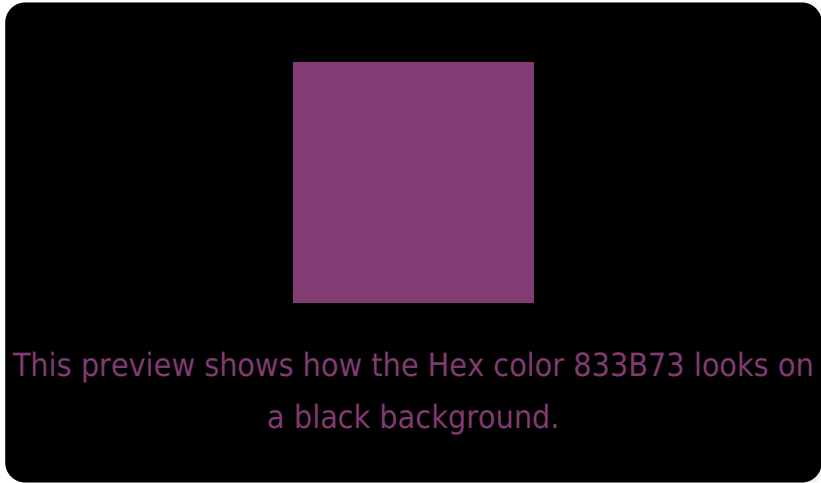
Large Text (above 18pt) WCAG AA ✓ Pass

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

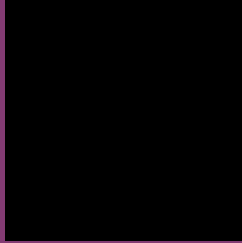
Any Text WCAG AA × Fail

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 833B73 Background



This preview shows how black text looks on a background with the Hex color 833B73.




This preview shows how white text looks on a background with the Hex color 833B73.

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
7F454A

Trichromacy



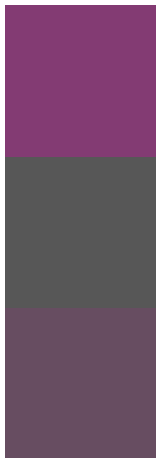
Original Color
833B73

Protanomaly
5A4C80

Deuteranomaly
644C70

Tritanomaly
804159

Monochromacy



Original Color
833B73

Achromatopsia
575757

Achromatomaly
674D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 833B73 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 #833B73 looks like.

```
.text, #text, p{  
    color:#833B73  
}
```

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 #833B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833B73
}
```

Border

The CSS property to change the border of an element to Hex 833B73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

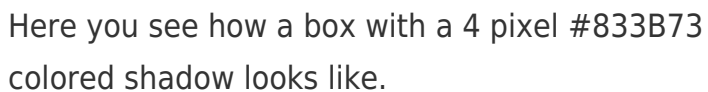
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833B73 }
```

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

```
.border{ border-color:#833B73 }
```

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



Here you see how a box with a 4 pixel #833B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833B73; -webkit-box-shadow:4px 4px  
4px 4px #833B73; box-shadow:4px 4px 4px  
4px #833B73 }
```

Background

The CSS property to change the background color of an element to Hex 833B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833B73 }
```

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

```
.background{ background-color:#833B73 }
```

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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