

Converting Colors

Hex(86083D)

Have a look what the booklet for
Hex(86083D) contains.

Hex(86083D)	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(86083D)

Conversions

Conversions Part 1

Format	Color
Hex	86083D
RGB	134, 8, 61
RGB Percent	53%, 3%, 24%
CMY	0.4745, 0.9686, 0.7608
CMYK	0.00, 0.94, 0.54, 0.47
HSL	335°, 89%, 28%
HSV	335°, 94%, 53%
XYZ	10.7607, 5.5789, 4.9246
YIQ	51.7160, 58.0830, 43.1950

Conversions

Conversions Part 2

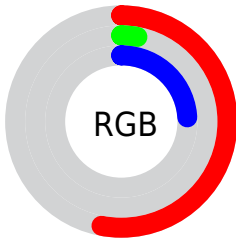
Format	Color
R_{YB}	134, 8, 61
Decimal	8783933
CIE _{Lab}	28.32, 50.83, 5.16
CIE _{LCh}	28, 51.091, 5.800
Yxy	5.5789, 0.5060, 0.2624
Android (android.graphics.Color)	4286974013 (0xFF86083D)
YUV	51.7160, 4.5770, 72.1631
Hunter-Lab	23.6197, 39.9863, 4.1722

Details

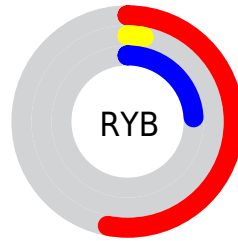
The Hex color **86083D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **088651**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **C0496C**, and **4E0013** is the 20% darker color. If you saturate the color by 10%, you get **860038**, and if you desaturate by 10%, it is **861545**.

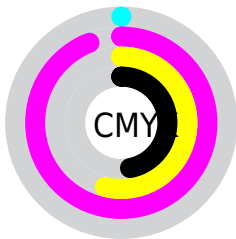
Distribution



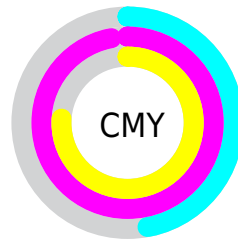
- Red (53%)
- Green (3%)
- Blue (24%)



- Red (53%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86083D 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 86083D by changing the saturation by 10% instead.

 86083D

 86083D

FFFFFF

 6A0027

 C0496C

 4E0013

 DE6485

 350002

 FC7F9F

 010000

 FF9BBA

 000000

 FFB7D6

 FFD3F2

 FFF0FF

 86083D

 86083D

■ 860038

■ 861545

■ 86234D

■ 863054

■ 863E5C

■ 864B64

■ 86586C

■ 866673

■ 86737B

■ 868183

Harmonies

Analogous

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



761B64



86083D



801E17

Triad

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



86083D



204D00



004F8B

Complementary

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



86083D



088651

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.



005370



86083D



005220

Square

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



86083D



4C4400



00534A



004692

Rectangle

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



86083D



742D00



00534A



005184

Sweetspot

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



86083D



AD7D91



4F0886



573946



D6D6D6



575757

Same Dimension

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



86083D



AD0049



861008



423C3E



820037



030001

Inverse Universe

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



86083D



AD0049



087E86



423C3E



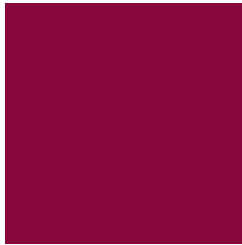
820037



030001

Previews

White Background



This preview shows how the Hex color 86083D looks on a white background.

Color Contrast Check

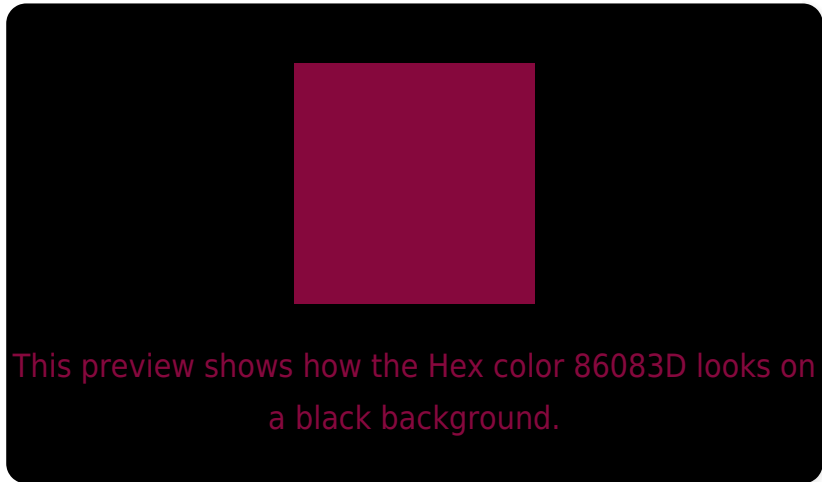
Large Text (above 18pt) WCAG AA ✓ Pass

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 86083D Background



This preview shows how black text looks on a background with the Hex color 86083D.



This preview shows how white text looks on a background with the Hex color 86083D.

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
86083D

Protanopia
414558

Deuteranopia
514337

Trichromacy



Original Color
86083D

Protanomaly
5A2F4E

Deuteranomaly
642E39

Tritanomaly
851326

Monochromacy



Original Color
86083D

Achromatopsia
343434

Achromatomaly
522437

CSS Examples

Text

The CSS property to change the color of the text to Hex 86083D 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 #86083D looks like.

```
.text, #text, p{  
    color:#86083D  
}
```

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 #86083D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86083D
}
```

Border

The CSS property to change the border of an element to Hex 86083D is called "border". The border property can be set on classes, ids or directly on the HTML element.

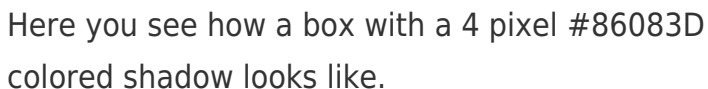
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86083D }
```

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

```
.border{ border-color:#86083D }
```

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



Here you see how a box with a 4 pixel #86083D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86083D; -webkit-box-shadow:4px 4px  
4px 4px #86083D; box-shadow:4px 4px 4px  
4px #86083D }
```

Background

The CSS property to change the background color of an element to Hex 86083D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86083D }
```

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

```
.background{ background-color:#86083D }
```

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