

Converting Colors

Hex(86313E)

Have a look what the booklet for
Hex(86313E) contains.

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Color

Hex(86313E)

Conversions

Conversions Part 1

Format	Color
Hex	86313E
RGB	134, 49, 62
RGB Percent	53%, 19%, 24%
CMY	0.4745, 0.8078, 0.7569
CMYK	0.00, 0.63, 0.54, 0.47
HSL	351°, 46%, 36%
HSV	351°, 63%, 53%
XYZ	11.7993, 7.6128, 5.4049
YIQ	75.8970, 46.4870, 22.0630

Conversions

Conversions Part 2

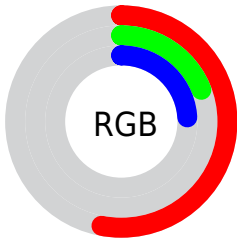
Format	Color
R_{YB}	134, 49, 62
Decimal	8794430
CIE Lab	33.16, 37.52, 11.26
CIE LCh	33, 39.171, 16.707
Yxy	7.6128, 0.4755, 0.3068
Android (android.graphics.Color)	4286984510 (0xFF86313E)
YUV	75.8970, -6.8512, 50.9563
Hunter-Lab	27.5912, 28.0505, 7.6993

Details

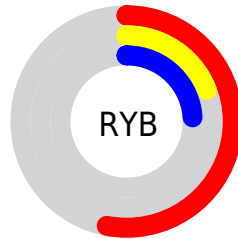
The Hex color **86313E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **318679**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BF646D**, and **4F0014** is the 20% darker color. If you saturate the color by 10%, you get **862433**, and if you desaturate by 10%, it is **863E49**.

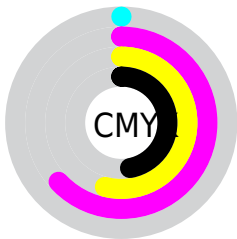
Distribution



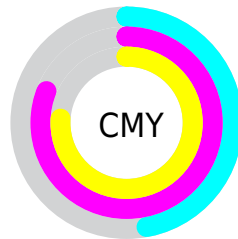
- Red (53%)
- Green (19%)
- Blue (24%)



- Red (53%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (63%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86313E 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 86313E by changing the saturation by 10% instead.

 86313E

 86313E

FFFFFF

 6A1728

 BF646D

 4F0014

 DC7E87

 360000

 FA98A1

 130000

 FFB4BC

 000000

 FFD0D7

 FFECF4

 86313E

 86313E

 862433

 863E49

861627

864C55

86091C

865960

860014

86676B

867477

868182

868F8D

869C99

86AAA4

Harmonies

Analogous

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



7F325D



86313E



7D3B22

Triad

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



86313E



295821



00558A

Complementary

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



86313E



318679

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.



005B7A



86313E



005C3F

Square

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



86313E



4D520A



005D5F



334B8A

Rectangle

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



86313E



714312



005D5F



005887

Sweetspot

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



86313E



AD8C91



783186



574346



D6D6D6



575757

Same Dimension

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



86313E



AD2A3E



864D31



423C3D



820014



030000

Inverse Universe

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



86313E



AD2A3E



316A86



423C3D



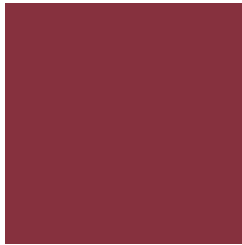
820014



030000

Previews

White Background



This preview shows how the Hex color 86313E looks on a white background.

Color Contrast Check

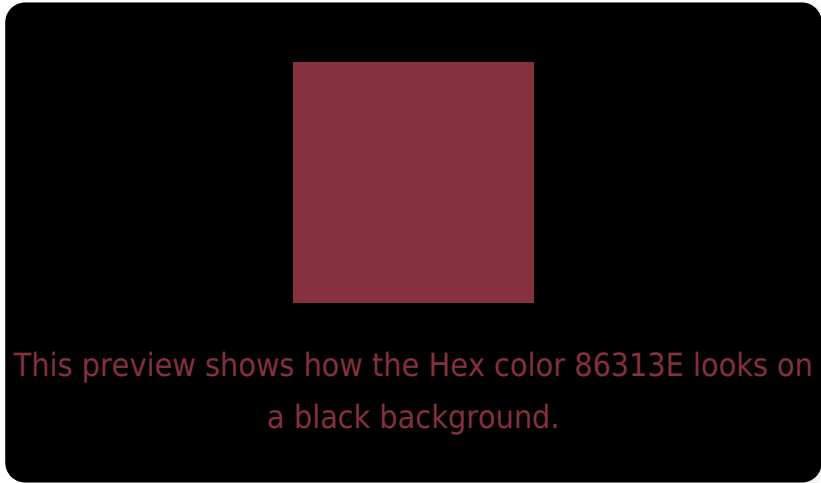
Large Text (above 18pt) WCAG AA ✓ Pass

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

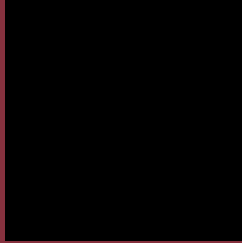
Any Text WCAG AA × Fail

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 86313E Background



This preview shows how black text looks on a background with the Hex color 86313E.



This preview shows how white text looks on a background with the Hex color 86313E.

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
86313E

Protanopia
514F4D

Deuteranopia
5D4C3A



Tritanopia
863336

Trichromacy



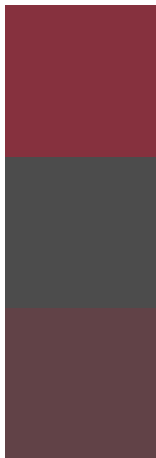
Original Color
86313E

Protanomaly
644448

Deuteranomaly
6C423B

Tritanomaly
863239

Monochromacy



Original Color
86313E

Achromatopsia
4C4C4C

Achromatomaly
614247

CSS Examples

Text

The CSS property to change the color of the text to Hex 86313E 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 #86313E looks like.

```
.text, #text, p{  
    color:#86313E  
}
```

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 #86313E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86313E
}
```

Border

The CSS property to change the border of an element to Hex 86313E is called "border". The border property can be set on classes, ids or directly on the HTML element.

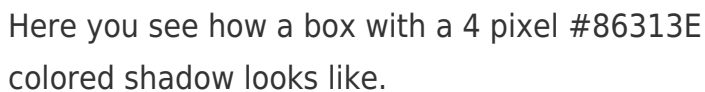
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86313E }
```

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

```
.border{ border-color:#86313E }
```

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



Here you see how a box with a 4 pixel #86313E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86313E; -webkit-box-shadow:4px 4px  
4px 4px #86313E; box-shadow:4px 4px 4px  
4px #86313E }
```

Background

The CSS property to change the background color of an element to Hex 86313E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86313E }
```

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

```
.background{ background-color:#86313E }
```

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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