

Converting Colors

Hex(86335A)

Have a look what the booklet for
Hex(86335A) contains.

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Color

Hex(86335A)

Conversions

Conversions Part 1

Format	Color
Hex	86335A
RGB	134, 51, 90
RGB Percent	53%, 20%, 35%
CMY	0.4745, 0.8000, 0.6471
CMYK	0.00, 0.62, 0.33, 0.47
HSL	332°, 45%, 36%
HSV	332°, 62%, 53%
XYZ	12.8608, 8.1742, 10.5728
YIQ	80.2630, 36.9490, 29.7250

Conversions

Conversions Part 2

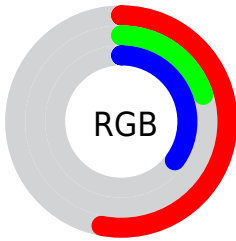
Format	Color
R_{YB}	134, 51, 90
Decimal	8794970
CIE _{Lab}	34.34, 39.70, -5.13
CIE _{LCh}	34, 40.027, 352.639
Yxy	8.1742, 0.4069, 0.2586
Android (android.graphics.Color)	4286985050 (0xFF86335A)
YUV	80.2630, 4.8003, 47.1273
Hunter-Lab	28.5905, 30.2609, -1.9121

Details

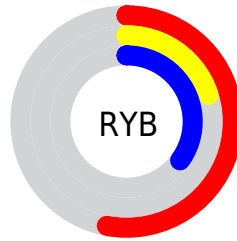
The Hex color **86335A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **33865F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BE668C**, and **51002D** is the 20% darker color. If you saturate the color by 10%, you get **862653**, and if you desaturate by 10%, it is **864061**.

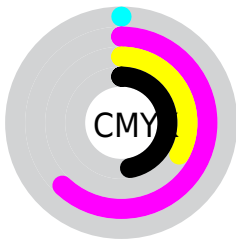
Distribution



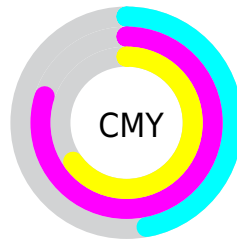
- Red (53%)
- Green (20%)
- Blue (35%)



- Red (53%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86335A 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 86335A by changing the saturation by 10% instead.

 86335A

 86335A

FFFFFF

 6B1943

 BE668C

 51002D

 DB80A6

 380018

 F89BC1

 1D0001

 FFB6DD

 000000

 FFD3FA

 FFEFFF

 86335A

 86335A

 862653

 864061

 86184C

 864E68

 860B45

 865B6F

 86003F

 866976

 86767E

 868385

 86918C

 869E93

 86AC9A

Harmonies

Analogous

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



703E78



86335A



8A343A

Triad

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



86335A



4A560F



005D83

Complementary

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



86335A



33865F

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.



006068



86335A



205C28

Square

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



86335A



684C0A



005F48



005790

Rectangle

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



86335A



833B27



005F48



005E7B

Sweetspot

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



86335A



AD8C9C



5E3386



57434C



D6D6D6



575757

Same Dimension

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



86335A



AD2D69



863433



423C3F



82003D



030001

Inverse Universe

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



86335A



AD2D69



338586



423C3F



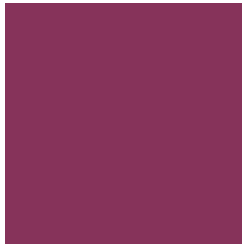
82003D



030001

Previews

White Background



This preview shows how the Hex color 86335A looks on a white background.

Color Contrast Check

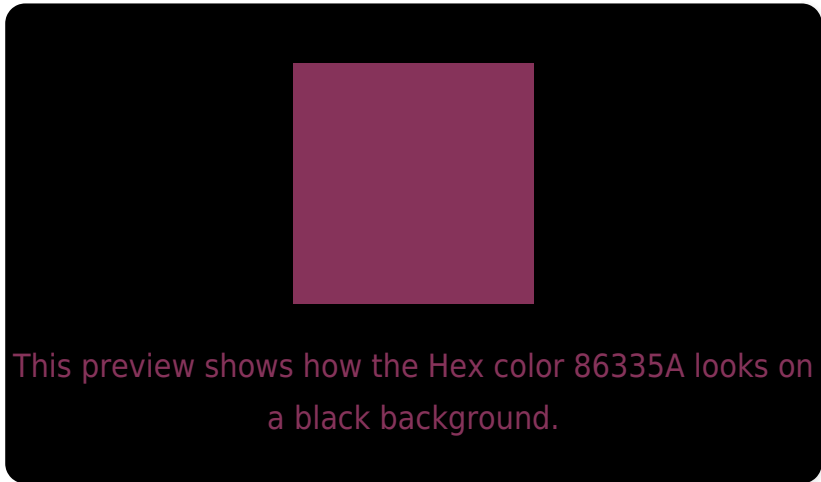
Large Text (above 18pt) WCAG AA ✓ Pass

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

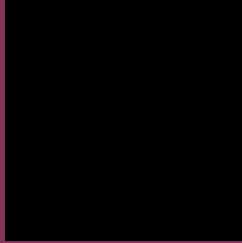
Any Text WCAG AA × Fail

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 86335A Background



This preview shows how black text looks on a background with the Hex color 86335A.




This preview shows how white text looks on a background with the Hex color 86335A.

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
84393D

Trichromacy



Original Color
86335A

Protanomaly
5F4667

Deuteranomaly
694557

Tritanomaly
853748

Monochromacy



Original Color
86335A

Achromatopsia
505050

Achromatomaly
644554

CSS Examples

Text

The CSS property to change the color of the text to Hex 86335A 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 #86335A looks like.

```
.text, #text, p{  
    color:#86335A  
}
```

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 #86335A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86335A
}
```

Border

The CSS property to change the border of an element to Hex 86335A is called "border". The border property can be set on classes, ids or directly on the HTML element.

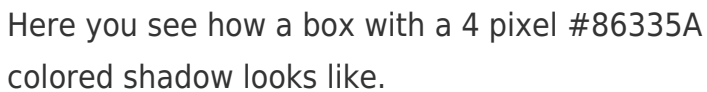
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86335A }
```

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

```
.border{ border-color:#86335A }
```

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



Here you see how a box with a 4 pixel #86335A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86335A; -webkit-box-shadow:4px 4px  
4px 4px #86335A; box-shadow:4px 4px 4px  
4px #86335A }
```

Background

The CSS property to change the background color of an element to Hex 86335A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86335A }
```

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

```
.background{ background-color:#86335A }
```

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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