

Converting Colors

Hex(86835D)

Have a look what the booklet for
Hex(86835D) contains.

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Color

Hex(86835D)

Conversions

Conversions Part 1

Format	Color
Hex	86835D
RGB	134, 131, 93
RGB Percent	53%, 51%, 36%
CMY	0.4745, 0.4863, 0.6353
CMYK	0.00, 0.02, 0.31, 0.47
HSL	56°, 18%, 45%
HSV	56°, 31%, 53%
XYZ	19.9236, 22.0912, 13.5699
YIQ	127.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

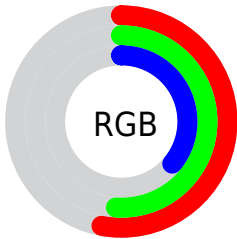
Format	Color
RYB	96, 134, 93
Decimal	8815453
CIELab	54.12, -5.24, 21.00
CIELCh	54, 21.646, 104.012
Yxy	22.0912, 0.3584, 0.3974
Android (android.graphics.Color)	4287005533 (0xFF86835D)
YUV	127.5650, -17.0405, 5.6435
Hunter-Lab	47.0013, -6.5872, 15.7832

Details

The Hex color **86835D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D6086**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BCB890**, and **54522E** is the 20% darker color. If you saturate the color by 10%, you get **868250**, and if you desaturate by 10%, it is **86846A**.

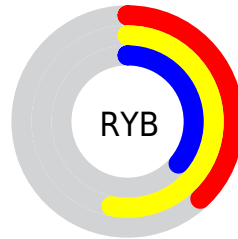
Distribution



Red (53%)

Green (51%)

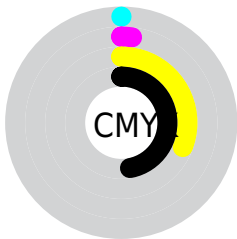
Blue (36%)



Red (38%)

Yellow (53%)

Blue (36%)

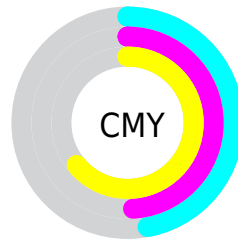


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86835D 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 86835D by changing the saturation by 10% instead.



86835D



86835D

FFFFFF



6C6A45



BCB890



54522E



D8D4AA



3C3B19



F4F0C6



262500



FFFFE2



0A1100

FFFFFFE



000000



86835D



86835D



868250



86846A



868142



868578

 868035

 868685

 867F27

 868793

 867E1A

 8688A0

 867D0D

 8689AD

 867C00

 868ABB

 868BC8

 868CD6

Harmonies

Analogous

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



987D5E



86835D



718866

Triad

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



86835D



4B8A9B



A0758C

Complementary

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



86835D



5D6086

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.



8F7A9C



86835D



5D86A5

Square

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



86835D



4C8C8A



7780A5



A77479

Rectangle

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



86835D



638A70



7780A5



9C7692

Sweetspot

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



86835D



ADAC9E



865D60



57564D



D6D6D6



575757

Same Dimension

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



86835D



ADA96D



75865D



42423C



827900



030200

Inverse Universe

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



5D6086



6D72AD



6E5D86



3C3C42



000A82



000003

Previews

White Background



This preview shows how the Hex color 86835D looks on a white background.

Color Contrast Check

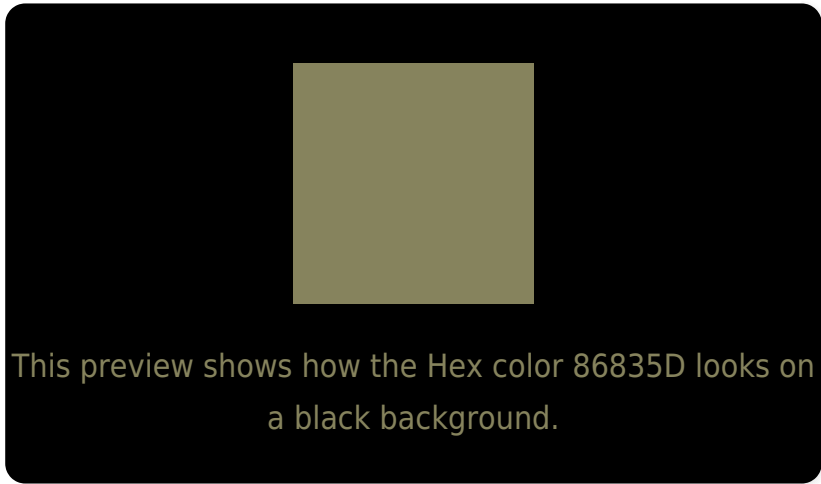
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

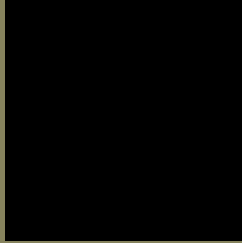
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86835D Background



This preview shows how black text looks on a background with the Hex color 86835D.



This preview shows how white text looks on a background with the Hex color 86835D.

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
86835D

Protanopia
8B815C

Deuteranopia
997C5E



Tritanopia
8B7E87

Trichromacy



Original Color
86835D

Protanomaly
89825C

Deuteranomaly
927F5E

Tritanomaly
898078

Monochromacy



Original Color
86835D

Achromatopsia
808080

Achromatomaly
828173

CSS Examples

Text

The CSS property to change the color of the text to Hex 86835D 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 #86835D looks like.

```
.text, #text, p{  
    color:#86835D  
}
```

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 #86835D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86835D
}
```

Border

The CSS property to change the border of an element to Hex 86835D 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
#86835D }
```

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

```
.border{ border-color:#86835D }
```

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

Here you see how a box with a 4 pixel #86835D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86835D; -webkit-box-shadow:4px 4px  
4px 4px #86835D; box-shadow:4px 4px 4px  
4px #86835D }
```

Background

The CSS property to change the background color of an element to Hex 86835D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86835D }
```

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

```
.background{ background-color:#86835D }
```

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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