

Converting Colors

Hex(86003D)

Have a look what the booklet for
Hex(86003D) contains.

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Color

Hex(86003D)

Conversions

Conversions Part 1

Format	Color
Hex	86003D
RGB	134, 0, 61
RGB Percent	53%, 0%, 24%
CMY	0.4745, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.54, 0.47
HSL	333°, 100%, 26%
HSV	333°, 100%, 53%
XYZ	10.6738, 5.4053, 4.8956
YIQ	47.0200, 60.2830, 47.3790

Conversions

Conversions Part 2

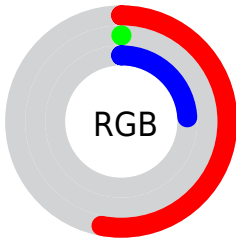
Format	Color
R_{YB}	134, 0, 61
Decimal	8781885
CIE _{Lab}	27.86, 52.18, 4.50
CIE _{LCh}	28, 52.374, 4.931
Yxy	5.4053, 0.5089, 0.2577
Android (android.graphics.Color)	4286971965 (0xFF86003D)
YUV	47.0200, 6.8921, 76.2815
Hunter-Lab	23.2492, 41.2641, 3.7896

Details

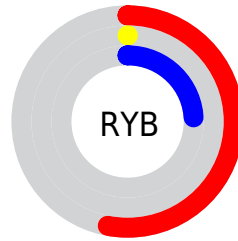
The Hex color **86003D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008649**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **C0466C**, and **4E0013** is the 20% darker color. If you saturate the color by 10%, you get **86003D**, and if you desaturate by 10%, it is **860D44**.

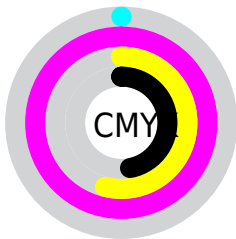
Distribution



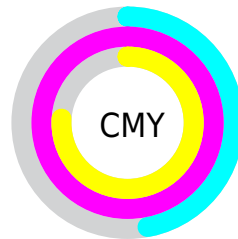
- Red (53%)
- Green (0%)
- Blue (24%)



- Red (53%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86003D 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 86003D by changing the saturation by 10% instead.

 86003D

 86003D

FFFFFF

 6A0027

 C0466C

 4E0013

 DE6185

 340002

 FC7C9F

 000000

 FF98BA

 FFB4D6

 FFD1F2

 FFEEFF

 86003D

 860D44

 861B4C

 862853

 86365A

 864362

 865069

 865E70

 866B77

 86797F

Harmonies

Analogous

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



751865



86003D



811916

Triad

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



86003D



204C00



004F8B

Complementary

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



86003D



008649

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.



00526F



86003D



00511D

Square

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



86003D



4C4200



005248



004593

Rectangle

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



86003D



742B00



005248



005084

Sweetspot

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



86003D



AD7991



470086



573746



D6D6D6



575757

Same Dimension

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



86003D



AD004F



860400



423C3F



82003B



030001

Inverse Universe

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



86003D



AD004F



008286



423C3F



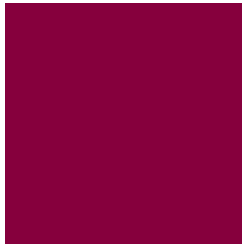
82003B



030001

Previews

White Background



This preview shows how the Hex color 86003D looks on a white background.

Color Contrast Check

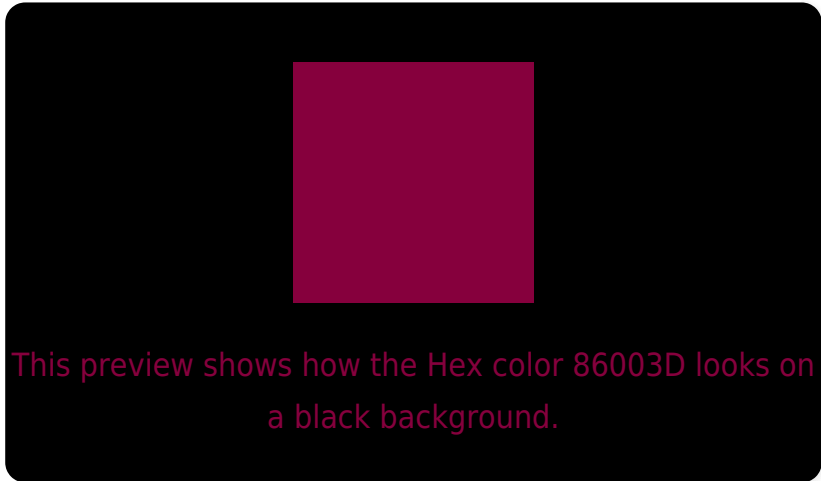
Large Text (above 18pt) WCAG AA ✓ Pass

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 86003D Background



This preview shows how black text looks on a background with the Hex color 86003D.

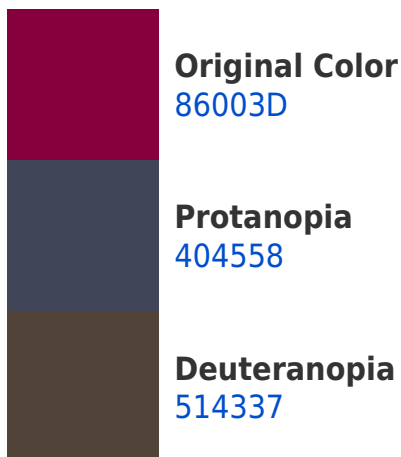



This preview shows how white text looks on a background with the Hex color 86003D.

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
841818

Trichromacy



Original Color
86003D

Protanomaly
592C4E

Deuteranomaly
642B39

Tritanomaly
850F25

Monochromacy



Original Color
86003D

Achromatopsia
2F2F2F

Achromatomaly
4F1E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 86003D 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 #86003D looks like.

```
.text, #text, p{  
    color:#86003D  
}
```

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 #86003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86003D
}
```

Border

The CSS property to change the border of an element to Hex 86003D is called "border". The border property can be set on classes, ids or directly on the HTML element.

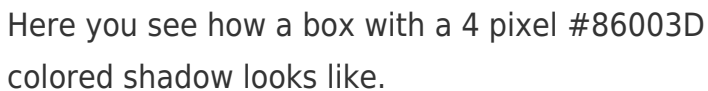
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86003D }
```

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

```
.border{ border-color:#86003D }
```

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



Here you see how a box with a 4 pixel #86003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86003D; -webkit-box-shadow:4px 4px  
4px 4px #86003D; box-shadow:4px 4px 4px  
4px #86003D }
```

Background

The CSS property to change the background color of an element to Hex 86003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86003D }
```

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

```
.background{ background-color:#86003D }
```

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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