

Converting Colors

Hex(86002F)

Have a look what the booklet for
Hex(86002F) contains.

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Color

Hex(86002F)

Conversions

Conversions Part 1

Format	Color
Hex	86002F
RGB	134, 0, 47
RGB Percent	53%, 0%, 18%
CMY	0.4745, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.65, 0.47
HSL	339°, 100%, 26%
HSV	339°, 100%, 53%
XYZ	10.3446, 5.2736, 3.1620
YIQ	45.4240, 64.7770, 43.0250

Conversions

Conversions Part 2

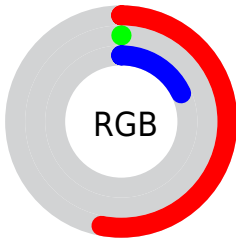
Format	Color
RYB	134, 0, 47
Decimal	8781871
CIELab	27.50, 51.22, 13.53
CIELCh	28, 52.978, 14.792
Yxy	5.2736, 0.5508, 0.2808
Android (android.graphics.Color)	4286971951 (0xFF86002F)
YUV	45.4240, 0.7770, 77.6812
Hunter-Lab	22.9643, 40.2207, 7.9112

Details

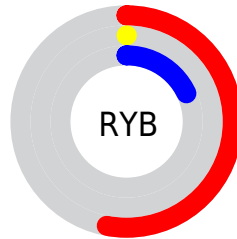
The Hex color **86002F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008657**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **C1455C**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **86002F**, and if you desaturate by 10%, it is **860D38**.

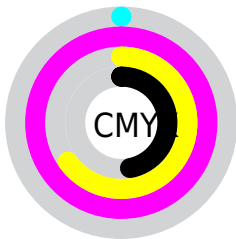
Distribution



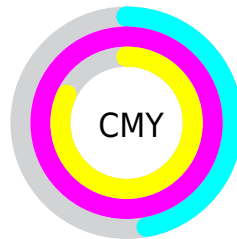
- Red (53%)
- Green (0%)
- Blue (18%)



- Red (53%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86002F 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 86002F by changing the saturation by 10% instead.

 86002F

 86002F

FFFFFF

 69001B

 C1455C

 4D0000

 DF6075

 320002

 FE7C8F

 000000

 FF97A9

 FFB3C4

 FFD0E0

 FFEDFD

 86002F

 860D38

 861B40

 862849

 863652

 86435A

 865063

 865E6C

 866B75

 86797D

Harmonies

Analogous

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



7D0957



86002F



7B2105

Triad

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



86002F



004D00



004C90

Complementary

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



86002F



008657

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.



00517A



86002F



00512A

Square

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



86002F



3E4500



005255



003F91

Rectangle

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



86002F



6B3100



005255



004E8B

Sweetspot

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



86002F



AD798C



550086



573742



D6D6D6



575757

Same Dimension

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



86002F



AD003D



861200



423C3E



82002E



030001

Inverse Universe

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



86002F



AD003D



007486



423C3E



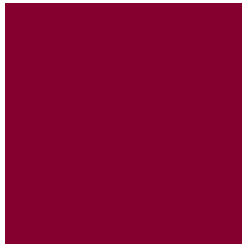
82002E



030001

Previews

White Background



This preview shows how the Hex color 86002F looks on a white background.

Color Contrast Check

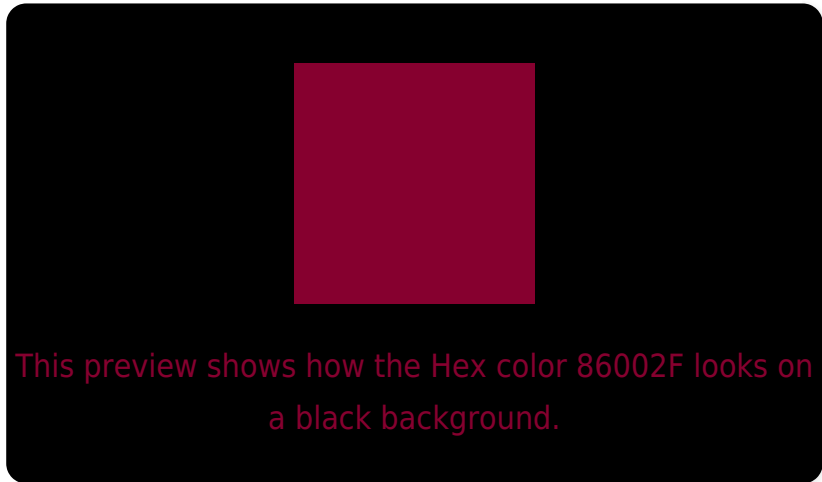
Large Text (above 18pt) WCAG AA ✓ Pass

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 86002F Background



This preview shows how black text looks on a background with the Hex color 86002F.



This preview shows how white text looks on a background with the Hex color 86002F.

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
86002F

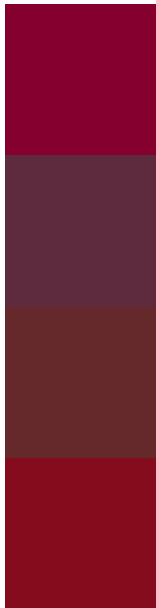
Protanopia
464445

Deuteranopia
534129



Tritanopia
851311

Trichromacy



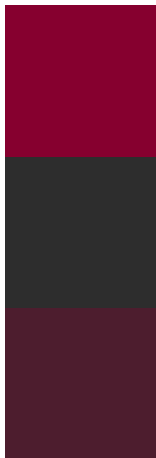
Original Color
86002F

Protanomaly
5D2B3D

Deuteranomaly
66292B

Tritanomaly
850C1C

Monochromacy



Original Color
86002F

Achromatopsia
2D2D2D

Achromatomaly
4D1D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 86002F 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 #86002F looks like.

```
.text, #text, p{  
    color:#86002F  
}
```

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 #86002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86002F
}
```

Border

The CSS property to change the border of an element to Hex 86002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

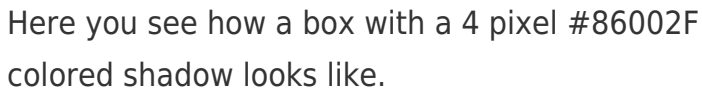
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86002F }
```

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

```
.border{ border-color:#86002F }
```

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



Here you see how a box with a 4 pixel #86002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86002F; -webkit-box-shadow:4px 4px  
4px 4px #86002F; box-shadow:4px 4px 4px  
4px #86002F }
```

Background

The CSS property to change the background color of an element to Hex 86002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86002F }
```

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

```
.background{ background-color:#86002F }
```

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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