

Converting Colors

Hex(86001B)

Have a look what the booklet for
Hex(86001B) contains.

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Color

Hex(86001B)

Conversions

Conversions Part 1

Format	Color
Hex	86001B
RGB	134, 0, 27
RGB Percent	53%, 0%, 11%
CMY	0.4745, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.80, 0.47
HSL	348°, 100%, 26%
HSV	348°, 100%, 53%
XYZ	10.0293, 5.1475, 1.5019
YIQ	43.1440, 71.1970, 36.8050

Conversions

Conversions Part 2

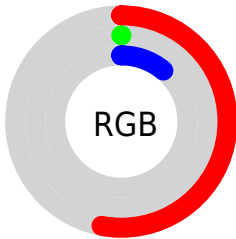
Format	Color
R_{YB}	134, 0, 27
Decimal	8781851
CIE Lab	27.15, 50.28, 26.43
CIE LCh	27, 56.804, 27.733
Yxy	5.1475, 0.6013, 0.3086
Android (android.graphics.Color)	4286971931 (0xFF86001B)
YUV	43.1440, -7.9590, 79.6807
Hunter-Lab	22.6880, 39.2027, 11.9568

Details

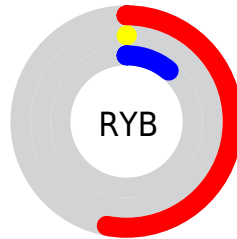
The Hex color **86001B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00866B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **C24546**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **86001B**, and if you desaturate by 10%, it is **860D26**.

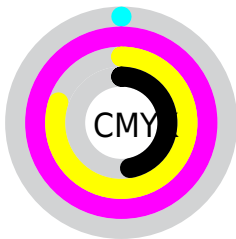
Distribution



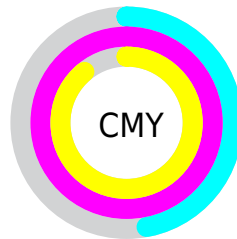
- Red (53%)
- Green (0%)
- Blue (11%)



- Red (53%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86001B 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 86001B by changing the saturation by 10% instead.

 86001B

 86001B

FFFFFF

 690002

 C24546

 4B0000

 E1605E

 310002

 FF7B77

 000000

 FF9690

 FFB2AB

 FFCFC6

 FFECE2

 86001B

 860D26

 861B30

 86283B

 863646

 864351

 86505B

 865E66

 866B71

 86797B

Harmonies

Analogous

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



870045



86001B



732900

Triad

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



86001B



004F0A



004799

Complementary

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



86001B



00866B

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.



004F8A



86001B



00513B

Square

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



86001B



284900



005268



2C368E

Rectangle

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



86001B



5E3800



005268



004B96

Sweetspot

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



86001B



AD7984



690086



57373E



D6D6D6



575757

Same Dimension

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



86001B



AD0023



862600



423C3D



82001A



030001

Inverse Universe

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



86001B



AD0023



006086



423C3D



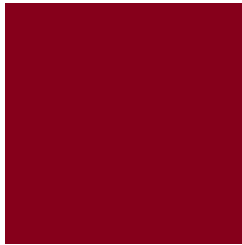
82001A



030001

Previews

White Background



This preview shows how the Hex color 86001B looks on a white background.

Color Contrast Check

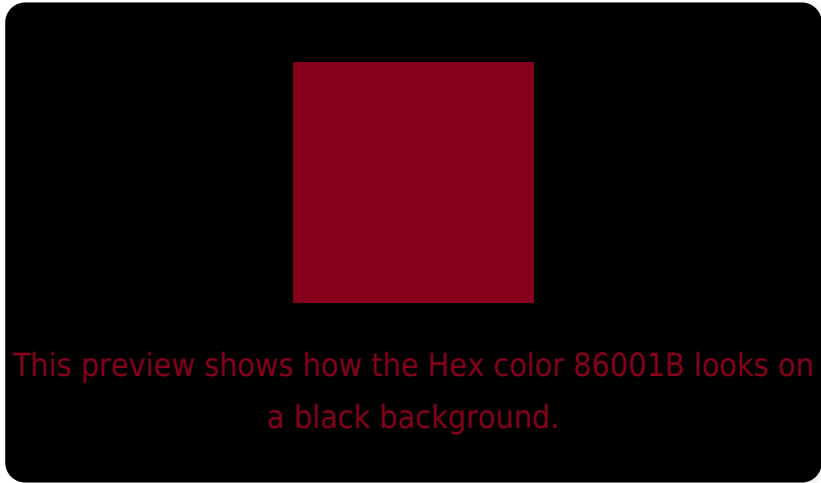
Large Text (above 18pt) WCAG AA ✓ Pass

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 86001B Background



This preview shows how black text looks on a background with the Hex color 86001B.



This preview shows how white text looks on a background with the Hex color 86001B.

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
86001B

Protanopia
4A442A

Deuteranopia
554011



Tritanopia
860C00

Trichromacy



Original Color
86001B

Protanomaly
602B25

Deuteranomaly
672915

Tritanomaly
86080A

Monochromacy



Original Color
86001B

Achromatopsia
2B2B2B

Achromatomaly
4C1B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 86001B 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 #86001B looks like.

```
.text, #text, p{  
    color:#86001B  
}
```

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 #86001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86001B
}
```

Border

The CSS property to change the border of an element to Hex 86001B is called "border". The border property can be set on classes, ids or directly on the HTML element.

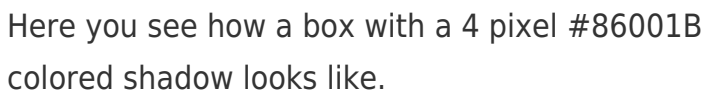
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86001B }
```

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

```
.border{ border-color:#86001B }
```

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



Here you see how a box with a 4 pixel #86001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86001B; -webkit-box-shadow:4px 4px  
4px 4px #86001B; box-shadow:4px 4px 4px  
4px #86001B }
```

Background

The CSS property to change the background color of an element to Hex 86001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86001B }
```

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

```
.background{ background-color:#86001B }
```

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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