

# Converting Colors

Hex(800026)

Have a look what the booklet for  
Hex(800026) contains.

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**Color**

**Hex(800026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	800026
RGB	128, 0, 38
RGB Percent	50%, 0%, 15%
CMY	0.4980, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.70, 0.50
HSL	342°, 100%, 25%
HSV	342°, 100%, 50%
XYZ	9.2519, 4.7291, 2.2589
YIQ	42.6040, 64.0900, 38.9540

# Conversions

## Conversions Part 2

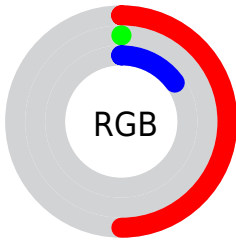
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 0, 38
Decimal	8388646
CIE Lab	25.95, 49.19, 17.37
CIE LCh	26, 52.167, 19.449
Yxy	4.7291, 0.5697, 0.2912
Android (android.graphics.Color)	4286578726 (0xFF800026)
YUV	42.6040, -2.2698, 74.8923
Hunter-Lab	21.7466, 37.8852, 9.0639

# Details

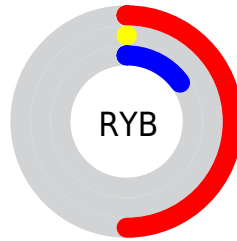
The Hex color **800026** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00805A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **BB4352**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **800026**, and if you desaturate by 10%, it is **800D2F**.

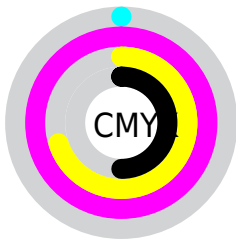
# Distribution



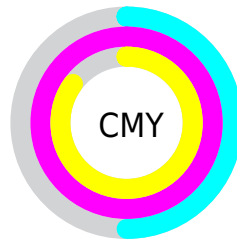
- Red (50%)
- Green (0%)
- Blue (15%)



- Red (50%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 800026 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 800026 by changing the saturation by 10% instead.



 800026

 800026

FFFFFF

 630012

 BB4352

 470000

 D95E6B

 2C0001

 F87984

 000000

 FF959E

 FFB0B9

 FFCDD4

 FFEAF1

 800026

 800D2F

 801A38

 802641

 80334A

 804053

 804D5C

 805A65

 80666E

 807377

# Harmonies

## Analogous

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



7B004D



800026



722200

# Triad

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



800026



004A00



00478C

# Complementary

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



800026



00805A

# 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.



004D7A



800026



004D2E

# Square

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



800026



344300



004E57



003989

# Rectangle

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



800026



623100



004E57



004988



# Sweetspot

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



800026



A67483



5A0080



54363F



D4D4D4



545454



# Same Dimension

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



800026



A60031



801A00



40393B



000000

# Inverse Universe

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



800026



A60031



006680



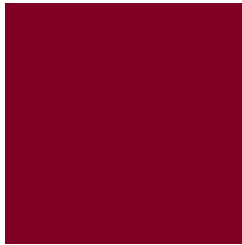
40393B



000000

# Previews

## White Background



This preview shows how the Hex color 800026 looks on a white background.

## Color Contrast Check

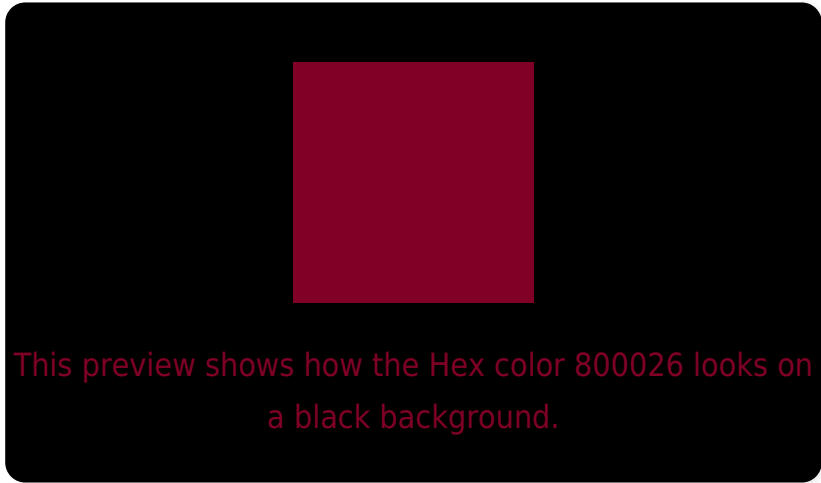
Large Text (above 18pt) WCAG AA ✓ Pass

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 800026 Background



This preview shows how black text looks on a background with the Hex color 800026.



This preview shows how white text looks on a background with the Hex color 800026.

# 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**  
800026

**Protanopia**  
444138

**Deuteranopia**  
503E20





# Trichromacy



**Original Color**  
800026

**Protanomaly**  
5A2931

**Deuteranomaly**  
612722

**Tritanomaly**  
7F0A15

# Monochromacy



**Original Color**  
800026

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
4A1B29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 800026 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 #800026 looks like.

```
.text, #text, p{  
    color:#800026  
}
```

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 #800026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800026
}
```

## Border

The CSS property to change the border of an element to Hex 800026 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
#800026 }
```

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

```
.border{ border-color:#800026 }
```

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

Here you see how a box with a 4 pixel #800026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800026; -webkit-box-shadow:4px 4px  
4px 4px #800026; box-shadow:4px 4px 4px  
4px #800026 }
```

# Background

The CSS property to change the background color of an element to Hex 800026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800026 }
```

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

```
.background{ background-color:#800026 }
```

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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