

# Converting Colors

Hex(8D0019)

Have a look what the booklet for  
Hex(8D0019) contains.

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**Color**

**Hex(8D0019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D0019
RGB	141, 0, 25
RGB Percent	55%, 0%, 10%
CMY	0.4471, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.82, 0.45
HSL	349°, 100%, 28%
HSV	349°, 100%, 55%
XYZ	11.1600, 5.7329, 1.4381
YIQ	45.0090, 76.0110, 37.6670

# Conversions

## Conversions Part 2

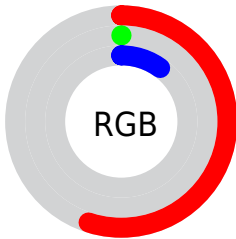
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 0, 25
Decimal	9240601
CIE <sub>Lab</sub>	28.73, 52.04, 29.84
CIE <sub>LCh</sub>	29, 59.992, 29.831
Yxy	5.7329, 0.6088, 0.3127
Android (android.graphics.Color)	4287430681 (0xFF8D0019)
YUV	45.0090, -9.8644, 84.1841
Hunter-Lab	23.9435, 41.2971, 13.1994

# Details

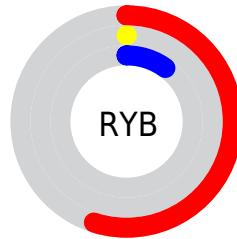
The Hex color **8D0019** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008D74**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **CA4644**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D0019**, and if you desaturate by 10%, it is **8D0E25**.

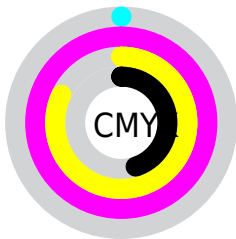
# Distribution



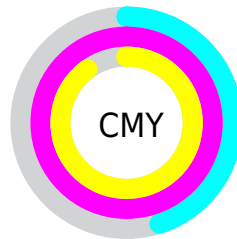
- Red (55%)
- Green (0%)
- Blue (10%)



- Red (55%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D0019 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 8D0019 by changing the saturation by 10% instead.



 8D0019

 8D0019

FFFFFFD

 6F0000

 CA4644

 520000

 E9625C

 370002

 FF7D75

 090000

 FF988E

 000000

 FFB5A9

 FFD1C4

 FFEED0

 8D0019

 8D0E25

 8D1C30

 8D2A3C

 8D3847

 8D4753

 8D555F

 8D636A

 8D7176

 8D7F81

# Harmonies

## Analogous

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



900046



8D0019



772D00

# Triad

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



8D0019



00530E



004BA2

# Complementary

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



8D0019



008D74

# 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.



005495



8D0019



005642

# Square

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



8D0019



254E00



005671



373796

# Rectangle

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



8D0019



613C00



005671



004FA1



# Sweetspot

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



8D0019



B8818A



73008D



5C3B41



DBDBDB



5C5C5C



# Same Dimension

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



8D0019



B80021



8D2D00



474042



870018



080001



# Inverse Universe

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



8D0019



B80021



00608D



474042



870018



080001



# Previews

## White Background



This preview shows how the Hex color 8D0019 looks on a white background.

## Color Contrast Check

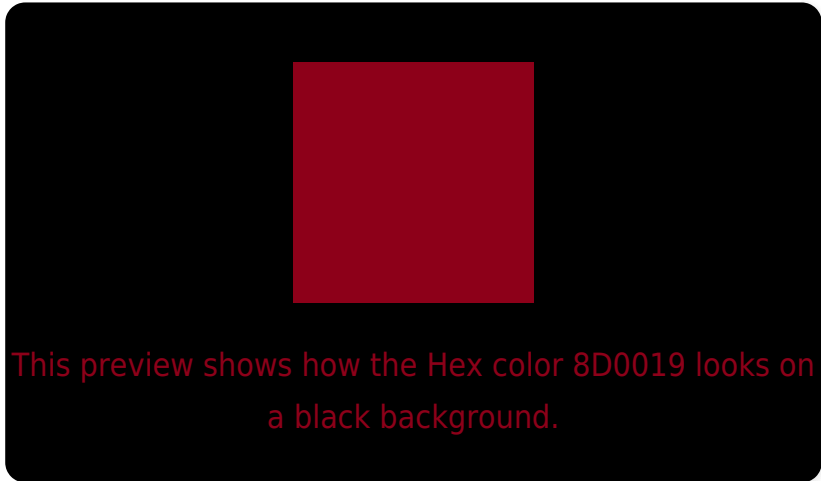
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D0019 Background



This preview shows how black text looks on a background with the Hex color 8D0019.



This preview shows how white text looks on a background with the Hex color 8D0019.

# 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**  
8D0019

**Protanopia**  
4E4727

**Deuteranopia**  
5A440C



**Tritanopia**  
8C0D00

# Trichromacy



**Original Color**  
8D0019

**Protanomaly**  
652D22

**Deuteranomaly**  
6D2B11

**Tritanomaly**  
8C0809

# Monochromacy



**Original Color**  
8D0019

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
501D26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D0019 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 #8D0019 looks like.

```
.text, #text, p{  
    color:#8D0019  
}
```

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 #8D0019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D0019
}
```

## Border

The CSS property to change the border of an element to Hex 8D0019 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".

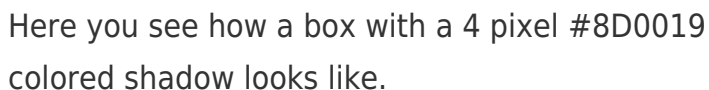
```
.border, #border, table{ border:4px solid
#8D0019 }
```

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

```
.border{ border-color:#8D0019 }
```

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

Here you see how a box with a 4 pixel #8D0019 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D0019; -webkit-box-shadow:4px 4px  
4px 4px #8D0019; box-shadow:4px 4px 4px  
4px #8D0019 }
```

# Background

The CSS property to change the background color of an element to Hex 8D0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D0019 }
```

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

```
.background{ background-color:#8D0019 }
```

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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