

# Converting Colors

Hex(4D0011)

Have a look what the booklet for  
Hex(4D0011) contains.

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**Color**

**Hex(4D0011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D0011
RGB	77, 0, 17
RGB Percent	30%, 0%, 7%
CMY	0.6980, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.78, 0.70
HSL	347°, 100%, 15%
HSV	347°, 100%, 30%
XYZ	3.1617, 1.6183, 0.6760
YIQ	24.9610, 40.4350, 21.6110

# Conversions

## Conversions Part 2

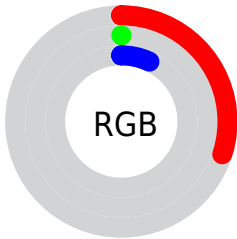
Format	Color
<a href="#">RYB</a>	<a href="#">77, 0, 17</a>
Decimal	<a href="#">5046289</a>
CIELab	<a href="#">13.34, 34.34, 13.33</a>
CIELCh	<a href="#">13, 36.833, 21.221</a>
Yxy	<a href="#">1.6183, 0.5795, 0.2966</a>
Android (android.graphics.Color)	<a href="#">4283236369 (0xFF4D0011)</a>
YUV	<a href="#">24.9610, -3.9248, 45.6382</a>
Hunter-Lab	<a href="#">12.7211, 22.1033, 5.7539</a>

# Details

The Hex color **4D0011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004D3C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **83353B**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **4D0011**, and if you desaturate by 10%, it is **4D0817**.

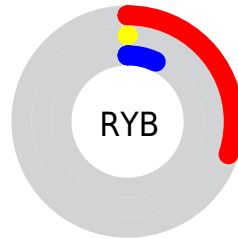
# Distribution



Red (30%)

Green (0%)

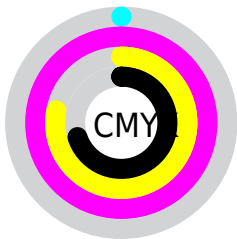
Blue (7%)



Red (30%)

Yellow (0%)

Blue (7%)

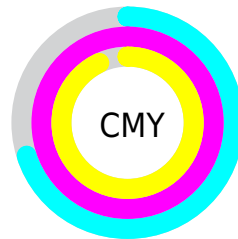


Cyan (0%)

Magenta (100%)

Yellow (78%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D0011 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 4D0011 by changing the saturation by 10% instead.



 4D0011

 4D0011

 FFEFF0

 340000

 83353B

 0E0000

 9F4E52

 000000

 BC676A

 D98183

 F79B9D

 FFB7B8

 FFD3D4

 4D0011

■ 4D0817

■ 4D0F1D

■ 4D1723

■ 4D1F29

■ 4D272F

■ 4D2E35

■ 4D363B

■ 4D3E41

■ 4D4547

# Harmonies

## Analogous

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



4B002B



4D0011



441100

# Triad

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



4D0011



002A00



002856

# Complementary

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



4D0011



004D3C

# 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.



002C4A



4D0011



002D1A

# Square

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



4D0011



1B2600



002D34



031F53

# Rectangle

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



4D0011



391B00



002D34



002A53



# Sweetspot

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



4D0011



63464C



3B004D



332125



B3B3B3



333333



# Same Dimension

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



4D0011



630016



4D1500



262223



660017



E60033



# Inverse Universe

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



4D0011



630016



00384D



262223



660017

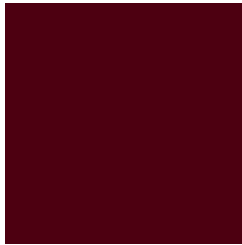


E60033



# Previews

## White Background



This preview shows how the Hex color 4D0011 looks on a white background.

## Color Contrast Check

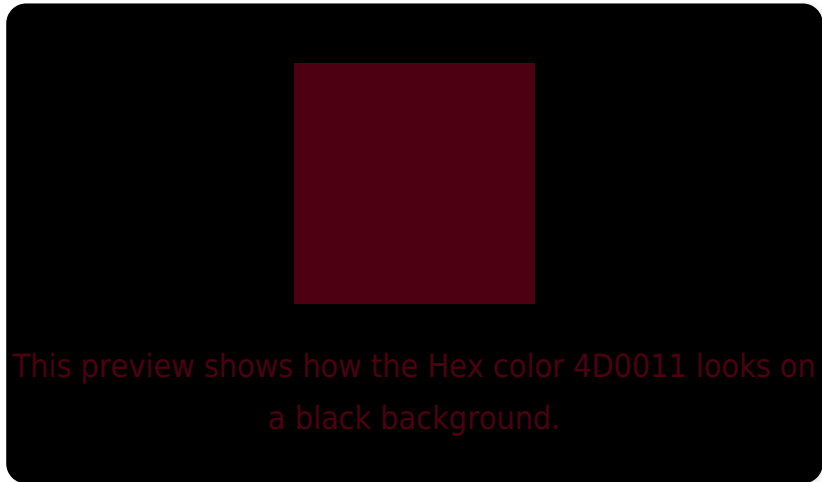
Large Text (above 18pt) WCAG AA ✓ Pass

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

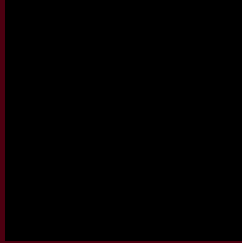
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D0011 Background



This preview shows how black text looks on a background with the Hex color 4D0011.



This preview shows how white text looks on a background with the Hex color 4D0011.

# 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**  
4D0011

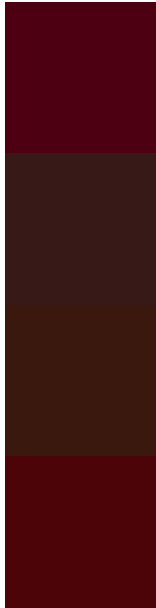
**Protanopia**  
2A271A

**Deuteranopia**  
31250C



**Tritanopia**  
4D0703

# Trichromacy



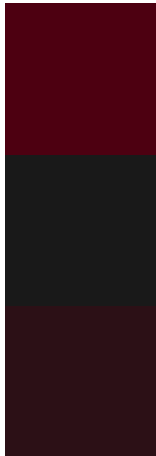
**Original Color**  
4D0011

**Protanomaly**  
371917

**Deuteranomaly**  
3B180E

**Tritanomaly**  
4D0408

# Monochromacy



**Original Color**  
4D0011

**Achromatopsia**  
191919

**Achromatomaly**  
2C1016

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D0011 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 #4D0011 looks like.

```
.text, #text, p{  
    color:#4D0011  
}
```

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 #4D0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0011
}
```

## Border

The CSS property to change the border of an element to Hex 4D0011 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".

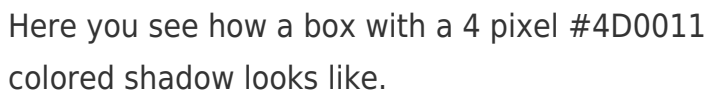
```
.border, #border, table{ border:4px solid
#4D0011 }
```

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

```
.border{ border-color:#4D0011 }
```

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

Here you see how a box with a 4 pixel #4D0011 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0011; -webkit-box-shadow:4px 4px  
4px 4px #4D0011; box-shadow:4px 4px 4px  
4px #4D0011 }
```

# Background

The CSS property to change the background color of an element to Hex 4D0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0011 }
```

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

```
.background{ background-color:#4D0011 }
```

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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