

Converting Colors

Hex(4D0016)

Have a look what the booklet for
Hex(4D0016) contains.

Hex(4D0016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D0016)

Conversions

Conversions Part 1

Format	Color
Hex	4D0016
RGB	77, 0, 22
RGB Percent	30%, 0%, 9%
CMY	0.6980, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.71, 0.70
HSL	343°, 100%, 15%
HSV	343°, 100%, 30%
XYZ	3.2054, 1.6357, 0.9058
YIQ	25.5310, 38.8300, 23.1660

Conversions

Conversions Part 2

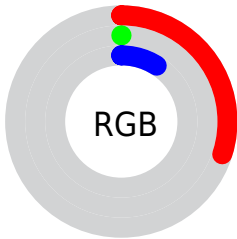
Format	Color
R_{YB}	77, 0, 22
Decimal	5046294
CIE Lab	13.45, 34.62, 10.23
CIE LCh	13, 36.098, 16.457
Yxy	1.6357, 0.5578, 0.2846
Android (android.graphics.Color)	4283236374 (0xFF4D0016)
YUV	25.5310, -1.7408, 45.1383
Hunter-Lab	12.7895, 22.3553, 4.7533

Details

The Hex color **4D0016** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004D37**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **833540**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **4D0016**, and if you desaturate by 10%, it is **4D081C**.

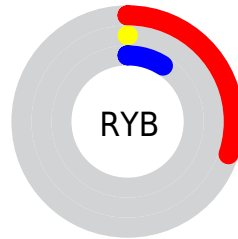
Distribution



Red (30%)

Green (0%)

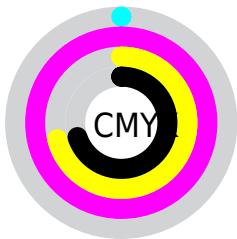
Blue (9%)



Red (30%)

Yellow (0%)

Blue (9%)

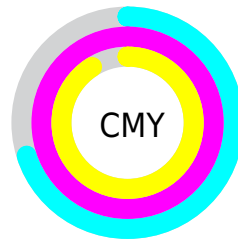


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0016 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 4D0016 by changing the saturation by 10% instead.

 4D0016

 4D0016

 FFF0F7

 350000

 833540

 100000

 9F4E57

 000000

 BB6770

 D88189

 F69CA3

 FFB7BE

 FFD3DA

 4D0016

■ 4D081C

■ 4D0F21

■ 4D1727

■ 4D1F2C

■ 4D2732

■ 4D2E37

■ 4D363D

■ 4D3E42

■ 4D4548

Harmonies

Analogous

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



48022F



4D0016



460F00

Triad

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



4D0016



002A00



002954

Complementary

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



4D0016



004D37

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.



002C47



4D0016



002C16

Square

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



4D0016



1F2600



002D30



002153

Rectangle

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



4D0016



3B1900



002D30



002A51

Sweetspot

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



4D0016



63464E



36004D



332126



B3B3B3



333333

Same Dimension

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



4D0016



63001C



4D0F00



262224



66001D



E60042

Inverse Universe

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



4D0016



63001C



003E4D



262224



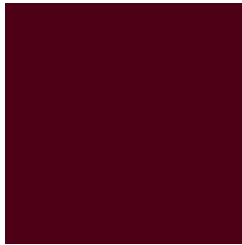
66001D



E60042

Previews

White Background



This preview shows how the Hex color 4D0016 looks on a white background.

Color Contrast Check

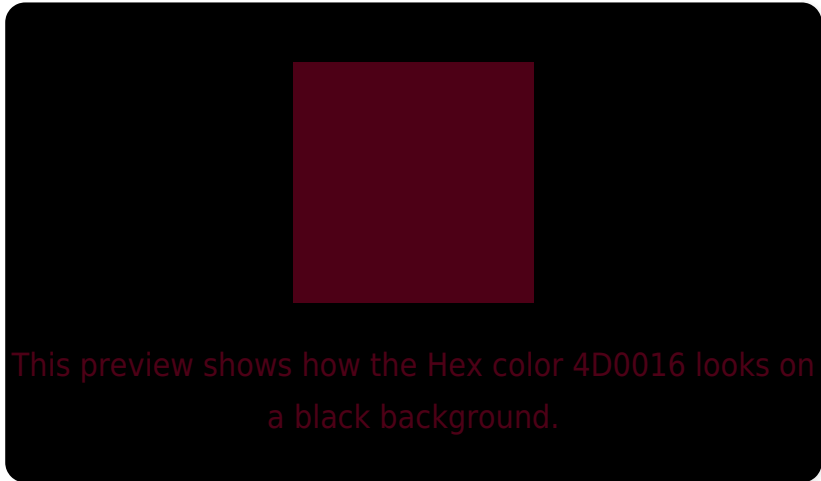
Large Text (above 18pt) WCAG AA ✓ Pass

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

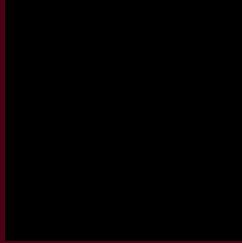
Any Text WCAG AA × Fail

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 4D0016 Background



This preview shows how black text looks on a background with the Hex color 4D0016.



This preview shows how white text looks on a background with the Hex color 4D0016.

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
4D0016

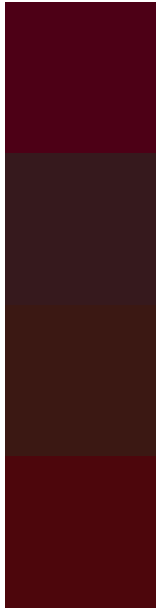
Protanopia
292721

Deuteranopia
302512



Tritanopia
4D0907

Trichromacy



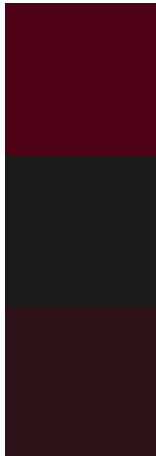
Original Color
4D0016

Protanomaly
36191D

Deuteranomaly
3B1813

Tritanomaly
4D060C

Monochromacy



Original Color
4D0016

Achromatopsia
1A1A1A

Achromatomaly
2D1119

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0016 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 #4D0016 looks like.

```
.text, #text, p{  
    color:#4D0016  
}
```

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 #4D0016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0016
}
```

Border

The CSS property to change the border of an element to Hex 4D0016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

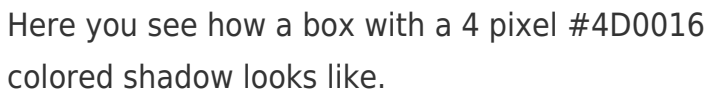
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0016 }
```

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

```
.border{ border-color:#4D0016 }
```

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



Here you see how a box with a 4 pixel #4D0016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0016; -webkit-box-shadow:4px 4px  
4px 4px #4D0016; box-shadow:4px 4px 4px  
4px #4D0016 }
```

Background

The CSS property to change the background color of an element to Hex 4D0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0016 }
```

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

```
.background{ background-color:#4D0016 }
```

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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