

Converting Colors

Hex(49001D)

Have a look what the booklet for
Hex(49001D) contains.

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Color

Hex(49001D)

Conversions

Conversions Part 1

Format	Color
Hex	49001D
RGB	73, 0, 29
RGB Percent	29%, 0%, 11%
CMY	0.7137, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.60, 0.71
HSL	336°, 100%, 14%
HSV	336°, 100%, 29%
XYZ	2.9694, 1.5052, 1.2964
YIQ	25.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

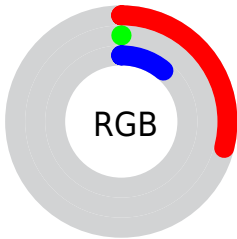
Format	Color
R_{YB}	73, 0, 29
Decimal	4784157
CIE _{Lab}	12.64, 34.02, 3.71
CIE _{LCh}	13, 34.226, 6.226
Yxy	1.5052, 0.5145, 0.2608
Android (android.graphics.Color)	4282974237 (0xFF49001D)
YUV	25.1330, 1.9064, 41.9794
Hunter-Lab	12.2686, 21.7333, 2.3228

Details

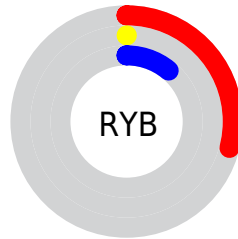
The Hex color **49001D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00492C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **7E3448**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **49001D**, and if you desaturate by 10%, it is **490721**.

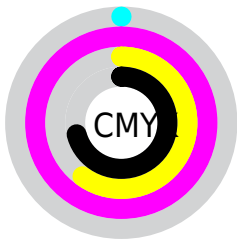
Distribution



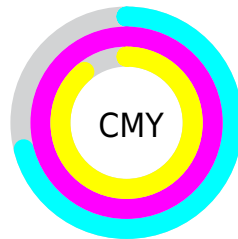
- Red (29%)
- Green (0%)
- Blue (11%)



- Red (29%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49001D 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 49001D by changing the saturation by 10% instead.

 49001D

 49001D

 FFEEFF

 320002

 7E3448

 060000

 994D60

 000000

 B56679

 D28092

 EF9AAD

 FFB6C8

 FFD2E4

 49001D

■ 490721

■ 490F26

■ 49162A

■ 491D2F

■ 492533

■ 492C37

■ 49333C

■ 493A40

■ 494245

Harmonies

Analogous

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



400834



49001D



460900

Triad

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



49001D



0D2700



00284C

Complementary

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



49001D



00492C

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.



002B3C



49001D



002A0A

Square

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



49001D



262100



002B25



002251

Rectangle

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



49001D



3E1400



002B25



002948

Sweetspot

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



49001D



5E424D



2C0049



301F26



B0B0B0



303030

Same Dimension

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



49001D



5E0025



490700



242022



630028



E3005A

Inverse Universe

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



49001D



5E0025



004249



242022



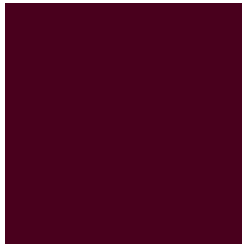
630028



E3005A

Previews

White Background



This preview shows how the Hex color 49001D looks on a white background.

Color Contrast Check

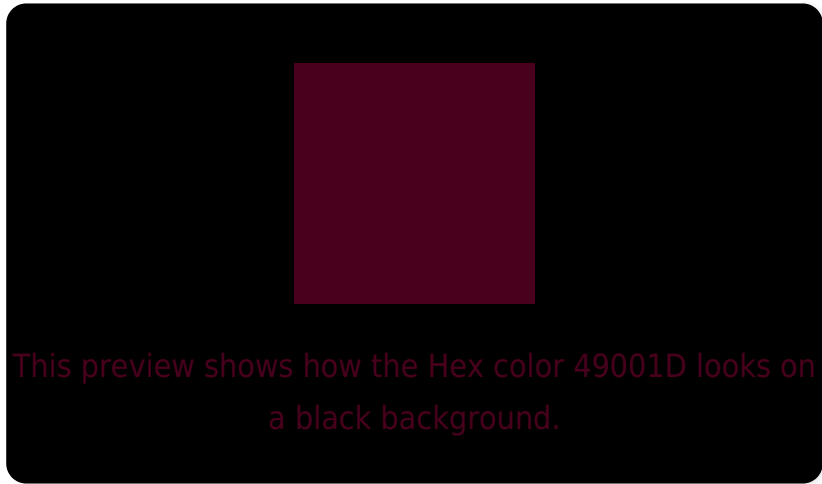
Large Text (above 18pt) WCAG AA ✓ Pass

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

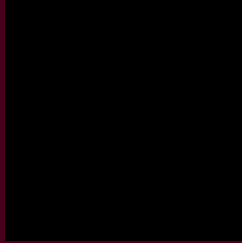
Any Text WCAG AA × Fail

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 49001D Background



This preview shows how black text looks on a background with the Hex color 49001D.



This preview shows how white text looks on a background with the Hex color 49001D.

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
49001D

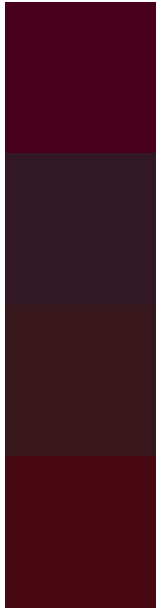
Protanopia
25252A

Deuteranopia
2D241A



Tritanopia
480C0B

Trichromacy



Original Color
49001D

Protanomaly
321825

Deuteranomaly
37171B

Tritanomaly
480812

Monochromacy



Original Color
49001D

Achromatopsia
191919

Achromatomaly
2A101A

CSS Examples

Text

The CSS property to change the color of the text to Hex 49001D 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 #49001D looks like.

```
.text, #text, p{  
    color:#49001D  
}
```

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 #49001D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49001D
}
```

Border

The CSS property to change the border of an element to Hex 49001D 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".

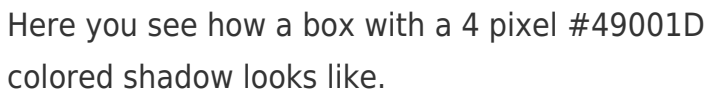
```
.border, #border, table{ border:4px solid
#49001D }
```

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

```
.border{ border-color:#49001D }
```

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

Here you see how a box with a 4 pixel #49001D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #49001D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49001D; -webkit-box-shadow:4px 4px  
4px 4px #49001D; box-shadow:4px 4px 4px  
4px #49001D }
```

Background

The CSS property to change the background color of an element to Hex 49001D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49001D }
```

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

```
.background{ background-color:#49001D }
```

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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