

Converting Colors

Hex(4D0022)

Have a look what the booklet for
Hex(4D0022) contains.

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Color

Hex(4D0022)

Conversions

Conversions Part 1

Format	Color
Hex	4D0022
RGB	77, 0, 34
RGB Percent	30%, 0%, 13%
CMY	0.6980, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.56, 0.70
HSL	334°, 100%, 15%
HSV	334°, 100%, 30%
XYZ	3.3493, 1.6933, 1.6637
YIQ	26.8990, 34.9780, 26.8980

Conversions

Conversions Part 2

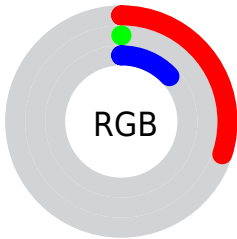
Format	Color
RYB	77, 0, 34
Decimal	5046306
CIELab	13.79, 35.53, 1.73
CIELCh	14, 35.572, 2.786
Yxy	1.6933, 0.4994, 0.2525
Android (android.graphics.Color)	4283236386 (0xFF4D0022)
YUV	26.8990, 3.5008, 43.9386
Hunter-Lab	13.0126, 23.1720, 1.5285

Details

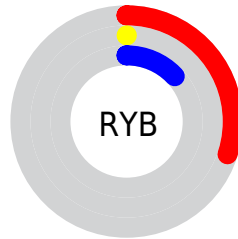
The Hex color **4D0022** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004D2B**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **82364E**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4D0022**, and if you desaturate by 10%, it is **4D0826**.

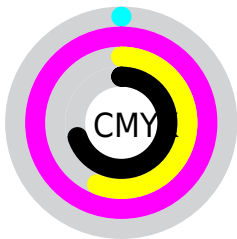
Distribution



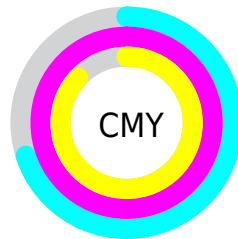
- Red (30%)
- Green (0%)
- Blue (13%)



- Red (30%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0022 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 4D0022 by changing the saturation by 10% instead.

 4D0022

 4D0022

 FFF1FF

 3500B

 82364E

 140000

 9E4E66

 000000

 BA687F

 D68299

 F49CB3

 FFB8CF

 FFD4EB

 4D0022

 4D0826

 4D0F2B

 4D172F

 4D1F33

 4D2738

 4D2E3C

 4D3640

 4D3E44

 4D4549

Harmonies

Analogous

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



420B3A



4D0022



4B0905

Triad

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



4D0022



122900



002B50

Complementary

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



4D0022



004D2B

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.



002D3E



4D0022



002C08

Square

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



4D0022



2B2300



002E25



002655

Rectangle

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



4D0022



441400



002E25



002C4B

Sweetspot

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



4D0022



634653



2A004D



332129



B3B3B3



333333

Same Dimension

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



4D0022



63002C



4D0400



262224



66002D



E60065

Inverse Universe

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



4D0022



63002C



00494D



262224



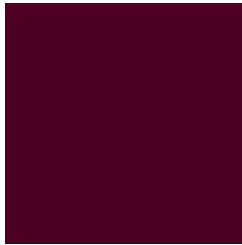
66002D



E60065

Previews

White Background



This preview shows how the Hex color 4D0022 looks on a white background.

Color Contrast Check

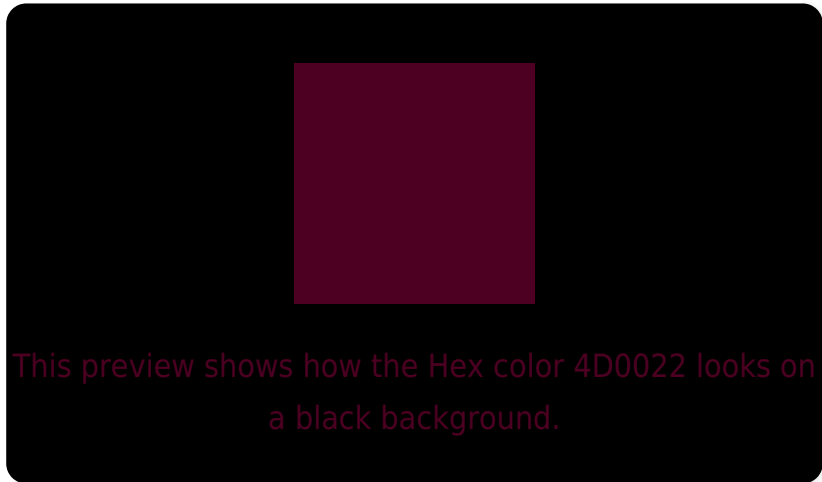
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D0022 Background



This preview shows how black text looks on a background with the Hex color 4D0022.



This preview shows how white text looks on a background with the Hex color 4D0022.

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
4D0022

Protanopia
252731

Deuteranopia
2F261F

Trichromacy



Original Color
4D0022

Protanomaly
34192C

Deuteranomaly
3A1820

Tritanomaly
4C0915

Monochromacy



Original Color
4D0022

Achromatopsia
1B1B1B

Achromatomaly
2D111E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0022 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 #4D0022 looks like.

```
.text, #text, p{  
    color:#4D0022  
}
```

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 #4D0022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0022  
}
```

Border

The CSS property to change the border of an element to Hex 4D0022 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".

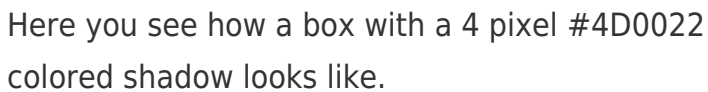
```
.border, #border, table{ border:4px solid  
#4D0022 }
```

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

```
.border{ border-color:#4D0022 }
```

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

Here you see how a box with a 4 pixel #4D0022 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 sides 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 #4D0022 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0022; -webkit-box-shadow:4px 4px  
4px 4px #4D0022; box-shadow:4px 4px 4px  
4px #4D0022 }
```

Background

The CSS property to change the background color of an element to Hex 4D0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0022 }
```

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

```
.background{ background-color:#4D0022 }
```

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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