

Converting Colors

Hex(4C0024)

Have a look what the booklet for
Hex(4C0024) contains.

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Color

Hex(4C0024)

Conversions

Conversions Part 1

Format	Color
Hex	4C0024
RGB	76, 0, 36
RGB Percent	30%, 0%, 14%
CMY	0.7020, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.53, 0.70
HSL	332°, 100%, 15%
HSV	332°, 100%, 30%
XYZ	3.2989, 1.6639, 1.8164
YIQ	26.8280, 33.7400, 27.3080

Conversions

Conversions Part 2

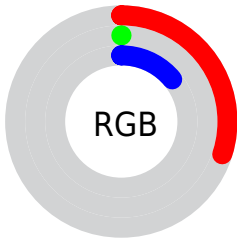
Format	Color
RYB	76, 0, 36
Decimal	4980772
CIELab	13.61, 35.45, -0.04
CIELCh	14, 35.451, 359.929
Yxy	1.6639, 0.4866, 0.2454
Android (android.graphics.Color)	4283170852 (0xFF4C0024)
YUV	26.8280, 4.5218, 43.1238
Hunter-Lab	12.8991, 23.0776, 0.6806

Details

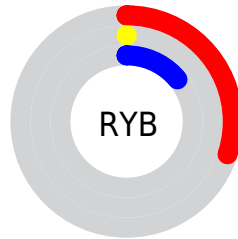
The Hex color **4C0024** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004C28**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **813550**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **4C0024**, and if you desaturate by 10%, it is **4C0828**.

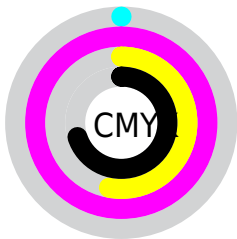
Distribution



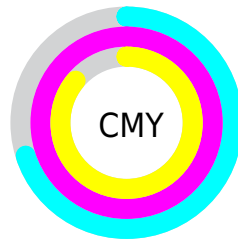
- Red (30%)
- Green (0%)
- Blue (14%)



- Red (30%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0024 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 4C0024 by changing the saturation by 10% instead.

 4C0024

 4C0024

 FFF0FF

 3400E

 813550

 120000

 9C4E68

 000000

 B86781

 D5819B

 F29CB6

 FFB8D2

 FFD4EE

 4C0024

■ 4C0828

■ 4C0F2C

■ 4C1730

■ 4C1E34

■ 4C2638

■ 4C2E3C

■ 4C3540

■ 4C3D44

■ 4C4448

Harmonies

Analogous

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



3F0C3C



4C0024



4B0708

Triad

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



4C0024



142800



002B4E

Complementary

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



4C0024



004C28

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.



002D3B



4C0024



002C04

Square

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



4C0024



2D2200



002D22



002655

Rectangle

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



4C0024



441200



002D22



002C49

Sweetspot

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



4C0024



634654



27004C



332129



B3B3B3



333333

Same Dimension

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



4C0024



63002F



4C0100



262224



660030



E6006D

Inverse Universe

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



4C0024



63002F



004B4C



262224



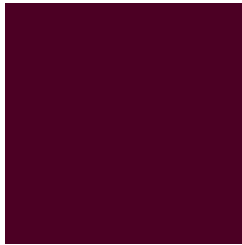
660030



E6006D

Previews

White Background



This preview shows how the Hex color 4C0024 looks on a white background.

Color Contrast Check

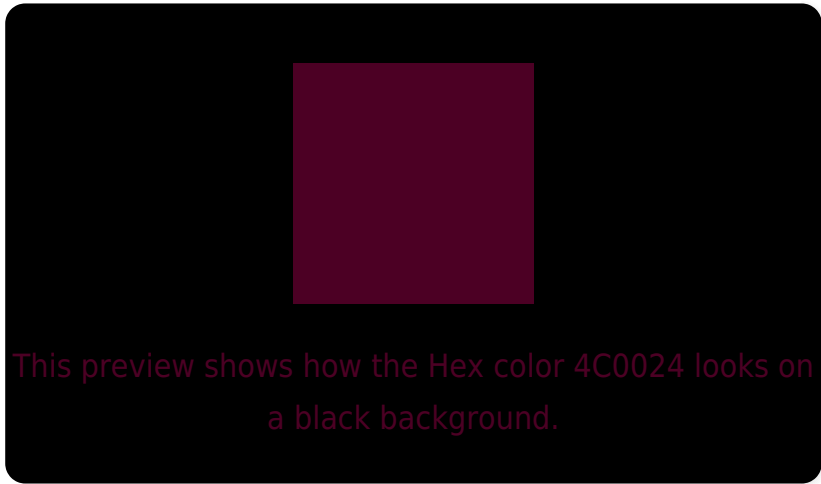
Large Text (above 18pt) WCAG AA ✓ Pass

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

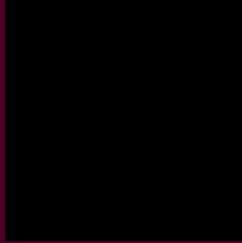
Any Text WCAG AA × Fail

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 4C0024 Background



This preview shows how black text looks on a background with the Hex color 4C0024.



This preview shows how white text looks on a background with the Hex color 4C0024.

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
4C0024

Protanopia
242734

Deuteranopia
2D2621

Trichromacy



Original Color
4C0024

Protanomaly
33192E

Deuteranomaly
381822

Tritanomaly
4B0916

Monochromacy



Original Color
4C0024

Achromatopsia
1B1B1B

Achromatomaly
2D111E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0024 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 #4C0024 looks like.

```
.text, #text, p{  
    color:#4C0024  
}
```

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 #4C0024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0024
}
```

Border

The CSS property to change the border of an element to Hex 4C0024 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".

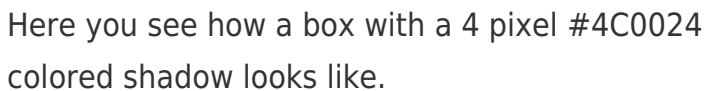
```
.border, #border, table{ border:4px solid
#4C0024 }
```

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

```
.border{ border-color:#4C0024 }
```

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

Here you see how a box with a 4 pixel #4C0024 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 #4C0024 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0024; -webkit-box-shadow:4px 4px  
4px 4px #4C0024; box-shadow:4px 4px 4px  
4px #4C0024 }
```

Background

The CSS property to change the background color of an element to Hex 4C0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0024 }
```

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

```
.background{ background-color:#4C0024 }
```

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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