

Converting Colors

Hex(4D4A03)

Have a look what the booklet for
Hex(4D4A03) contains.

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Color

Hex(4D4A03)

Conversions

Conversions Part 1

Format	Color
Hex	4D4A03
RGB	77, 74, 3
RGB Percent	30%, 29%, 1%
CMY	0.6980, 0.7098, 0.9882
CMYK	0.00, 0.04, 0.96, 0.70
HSL	58°, 92%, 16%
HSV	58°, 96%, 30%
XYZ	5.5258, 6.4819, 1.0460
YIQ	66.8030, 24.5790, -21.4450

Conversions

Conversions Part 2

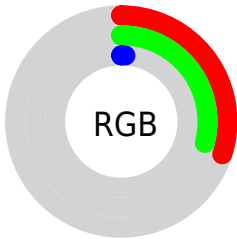
Format	Color
RYB	6, 77, 3
Decimal	5065219
CIELab	30.60, -7.15, 37.82
CIElCh	31, 38.494, 100.709
Yxy	6.4819, 0.4233, 0.4966
Android (android.graphics.Color)	4283255299 (0xFF4D4A03)
YUV	66.8030, -31.4549, 8.9428
Hunter-Lab	25.4596, -5.8124, 15.3857

Details

The Hex color **4D4A03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **03064D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **817A36**, and **1D1F00** is the 20% darker color. If you saturate the color by 10%, you get **4D4A00**, and if you desaturate by 10%, it is **4D4A0B**.

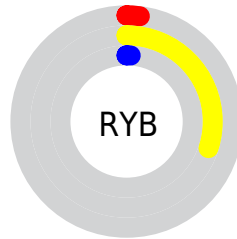
Distribution



Red (30%)

Green (29%)

Blue (1%)



Red (2%)

Yellow (30%)

Blue (1%)

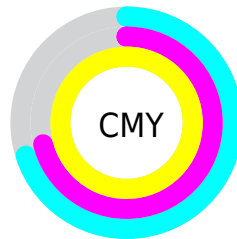


Cyan (0%)

Magenta (4%)

Yellow (96%)

Black (70%)



Cyan (70%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D4A03 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 4D4A03 by changing the saturation by 10% instead.

 4D4A03

 4D4A03

 FFFFEF

 353400

 817A36

 1D1F00

 9C944E

 000400

 B7AF67

 000000

 D4CA81

 F1E69B

 FFFFB6

 FFFF D2

 4D4A03

 4D4A03

■ 4D4A00

■ 4D4A0B

■ 4D4B12

■ 4D4B1A

■ 4D4B22

■ 4D4C2A

■ 4D4C31

■ 4D4C39

■ 4D4C41

■ 4D4D48

Harmonies

Analogous

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



673F0A



4D4A03



2C5117

Triad

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



4D4A03



00556F



742E5D

Complementary

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



4D4A03



03064D

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.



573B76



4D4A03



005181

Square

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



4D4A03



005652



1A4883



7E2A3E

Rectangle

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



4D4A03



005429



1A4883



6D3266

Sweetspot

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



4D4A03



636247



4D0307



333221



B3B3B3



333333

Same Dimension

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



4D4A03



635F00



2C4D03



262622



666200



E6DC00

Inverse Universe

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



03064D



000463



24034D



222326



000466



0009E6

Previews

White Background



This preview shows how the Hex color 4D4A03 looks on a white background.

Color Contrast Check

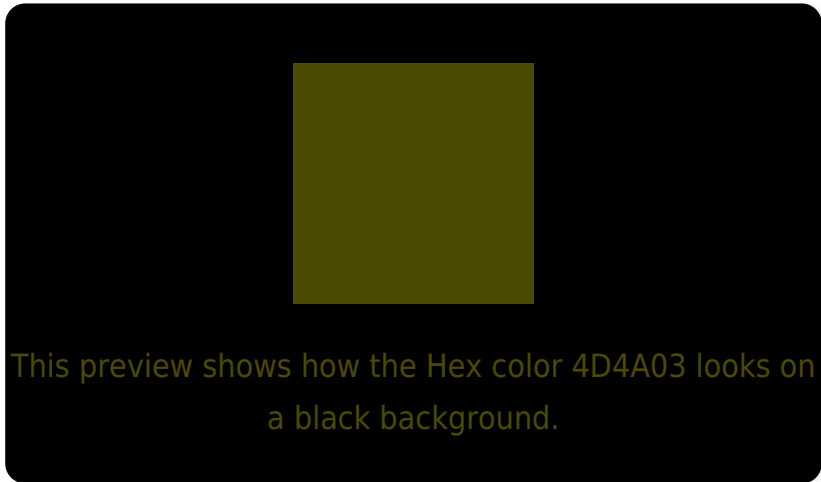
Large Text (above 18pt) WCAG AA ✓ Pass

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

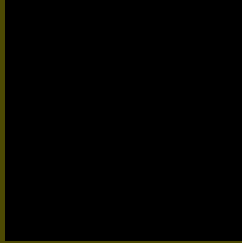
Any Text WCAG AA × Fail

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 4D4A03 Background



This preview shows how black text looks on a background with the Hex color 4D4A03.



This preview shows how white text looks on a background with the Hex color 4D4A03.

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
4D4A03

Protanopia
524800

Deuteranopia
5B450B



Tritanopia
52454A

Trichromacy



Original Color
4D4A03

Protanomaly
504901

Deuteranomaly
564708

Tritanomaly
504730

Monochromacy



Original Color
4D4A03

Achromatopsia
434343

Achromatomaly
47462C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D4A03 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 #4D4A03 looks like.

```
.text, #text, p{  
    color:#4D4A03  
}
```

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 #4D4A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4A03
}
```

Border

The CSS property to change the border of an element to Hex 4D4A03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

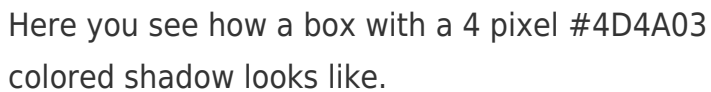
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D4A03 }
```

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

```
.border{ border-color:#4D4A03 }
```

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



Here you see how a box with a 4 pixel #4D4A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4A03; -webkit-box-shadow:4px 4px  
4px 4px #4D4A03; box-shadow:4px 4px 4px  
4px #4D4A03 }
```

Background

The CSS property to change the background color of an element to Hex 4D4A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4A03 }
```

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

```
.background{ background-color:#4D4A03 }
```

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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