

Converting Colors

Hex(4C4F03)

Have a look what the booklet for
Hex(4C4F03) contains.

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Color

Hex(4C4F03)

Conversions

Conversions Part 1

Format	Color
Hex	4C4F03
RGB	76, 79, 3
RGB Percent	30%, 31%, 1%
CMY	0.7020, 0.6902, 0.9882
CMYK	0.04, 0.00, 0.96, 0.69
HSL	62°, 93%, 16%
HSV	62°, 96%, 31%
XYZ	5.7929, 7.1350, 1.1580
YIQ	69.4390, 22.6080, -24.2720

Conversions

Conversions Part 2

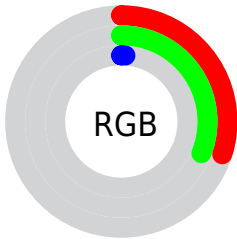
Format	Color
RYB	3, 79, 6
Decimal	5000963
CIELab	32.11, -10.61, 38.97
CIElCh	32, 40.389, 105.233
Yxy	7.1350, 0.4113, 0.5065
Android (android.graphics.Color)	4283191043 (0xFF4C4F03)
YUV	69.4390, -32.7544, 5.7540
Hunter-Lab	26.7115, -8.0339, 16.1276

Details

The Hex color **4C4F03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06034F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **808037**, and **1C2300** is the 20% darker color. If you saturate the color by 10%, you get **4C4F00**, and if you desaturate by 10%, it is **4C4F0B**.

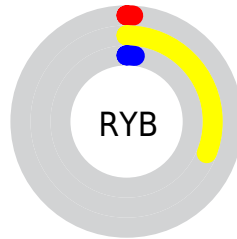
Distribution



Red (30%)

Green (31%)

Blue (1%)



Red (1%)

Yellow (31%)

Blue (2%)

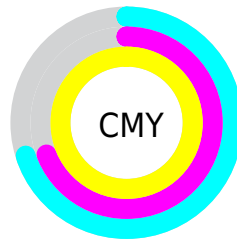


Cyan (4%)

Magenta (0%)

Yellow (96%)

Black (69%)



Cyan (70%)

Magenta (69%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4F03 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 4C4F03 by changing the saturation by 10% instead.

 4C4F03

 4C4F03

 FFFFF1

 343800

 808037

 1C2300

 9B9A4F

 000E00

 B6B568

 000000

 D2D082

 EFEC9D

 FFFFB8

 FFFF4D

 4C4F03

 4C4F03

■ 4C4F00

■ 4C4F0B

■ 4D4F13

■ 4D4F1B

■ 4D4F23

■ 4E4F2B

■ 4E4F32

■ 4E4F3A

■ 4E4F42

■ 4F4F4A

Harmonies

Analogous

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



684407



4C4F03



27561B

Triad

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



4C4F03



005978



7D2F5D

Complementary

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



4C4F03



06034F

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.



613C79



4C4F03



005489

Square

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



4C4F03



005A5B



294A89



852D3D

Rectangle

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



4C4F03



00592F



294A89



763267

Sweetspot

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



4C4F03



656648



4F0603



323321



B3B3B3



333333

Same Dimension

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



4C4F03



626600



264F03



262622



DCE600

Inverse Universe

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



06034F



040066



2C034F



232226



0900E6

Previews

White Background



This preview shows how the Hex color 4C4F03 looks on a white background.

Color Contrast Check

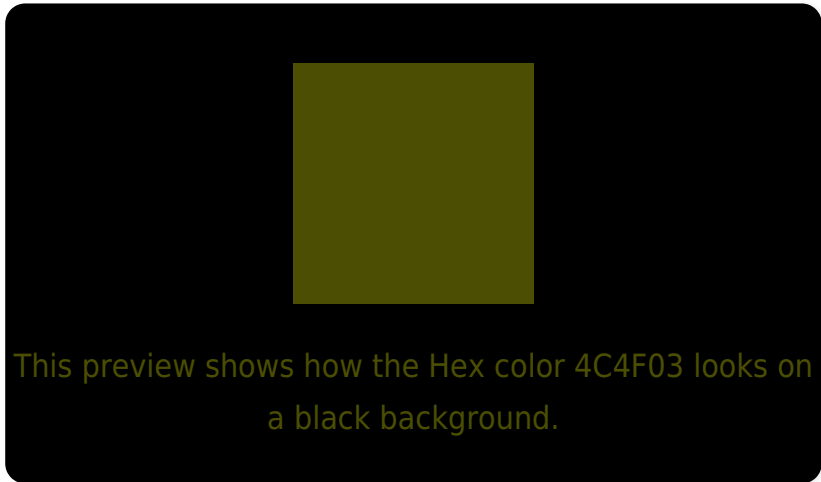
Large Text (above 18pt) WCAG AA ✓ Pass

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

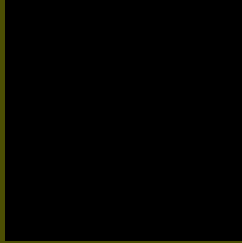
Any Text WCAG AA × Fail

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 4C4F03 Background



This preview shows how black text looks on a background with the Hex color 4C4F03.



This preview shows how white text looks on a background with the Hex color 4C4F03.

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
4C4F03

Protanopia
554C00

Deuteranopia
60480D



Tritanopia
51494F

Trichromacy



Original Color
4C4F03

Protanomaly
524D01

Deuteranomaly
594B09

Tritanomaly
4F4B33

Monochromacy



Original Color
4C4F03

Achromatopsia
454545

Achromatomaly
48492D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4F03 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 #4C4F03 looks like.

```
.text, #text, p{  
    color:#4C4F03  
}
```

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 #4C4F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4F03
}
```

Border

The CSS property to change the border of an element to Hex 4C4F03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

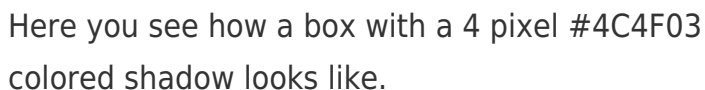
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4F03 }
```

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

```
.border{ border-color:#4C4F03 }
```

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



Here you see how a box with a 4 pixel #4C4F03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4F03; -webkit-box-shadow:4px 4px  
4px 4px #4C4F03; box-shadow:4px 4px 4px  
4px #4C4F03 }
```

Background

The CSS property to change the background color of an element to Hex 4C4F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4F03 }
```

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

```
.background{ background-color:#4C4F03 }
```

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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