

Converting Colors

Hex(4B0F03)

Have a look what the booklet for
Hex(4B0F03) contains.

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Color

Hex(4B0F03)

Conversions

Conversions Part 1

Format	Color
Hex	4B0F03
RGB	75, 15, 3
RGB Percent	29%, 6%, 1%
CMY	0.7059, 0.9412, 0.9882
CMYK	0.00, 0.80, 0.96, 0.71
HSL	10°, 92%, 15%
HSV	10°, 96%, 29%
XYZ	3.0889, 1.8441, 0.2793
YIQ	31.5720, 39.6120, 8.9880

Conversions

Conversions Part 2

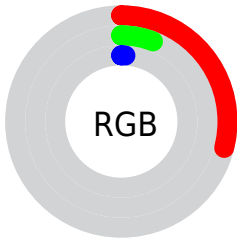
Format	Color
RYB	75, 17, 3
Decimal	4919043
CIELab	14.65, 27.46, 21.26
CIElCh	15, 34.729, 37.743
Yxy	1.8441, 0.5926, 0.3538
Android (android.graphics.Color)	4283109123 (0xFF4B0F03)
YUV	31.5720, -14.0860, 38.0864
Hunter-Lab	13.5797, 16.8382, 8.2864

Details

The Hex color **4B0F03** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **033F4B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **813E31**, and **0B0000** is the 20% darker color. If you saturate the color by 10%, you get **4B0C00**, and if you desaturate by 10%, it is **4B150B**.

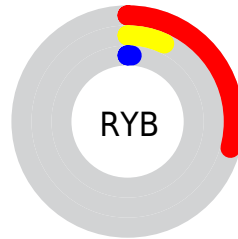
Distribution



Red (29%)

Green (6%)

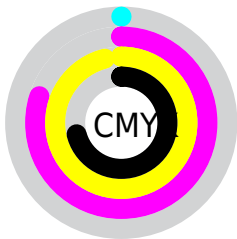
Blue (1%)



Red (29%)

Yellow (7%)

Blue (1%)

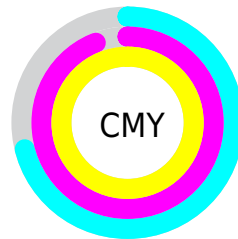


Cyan (0%)

Magenta (80%)

Yellow (96%)

Black (71%)



Cyan (71%)

Magenta (94%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0F03 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 4B0F03 by changing the saturation by 10% instead.

 4B0F03

 4B0F03

 FFF8E4

 310000

 813E31

 0B0000

 9D5648

 000000

 B96F5F

 D68978

 F4A492

 FFBFAD

 FFD8C8

 4B0F03

 4B0F03

■ 4B0C00

■ 4B150B

■ 4B1B12

■ 4B2219

■ 4B2821

■ 4B2E29

■ 4B3530

■ 4B3B38

■ 4B413F

■ 4B4747

Harmonies

Analogous

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



4F0420



4B0F03



3D1D00

Triad

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



4B0F03



002E11



002656

Complementary

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



4B0F03



033F4B

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.



002C52



4B0F03



002F2B

Square

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



4B0F03



102B00



002F42



2C1B4C

Rectangle

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



4B0F03



312300



002F42



002956

Sweetspot

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



4B0F03



614945



4B033F



30221F



B0B0B0



303030

Same Dimension

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



4B0F03



611000



4B3303



262322



661100



E62600

Inverse Universe

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



033F4B



005161



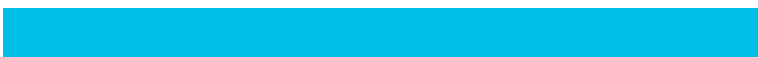
031B4B



222626



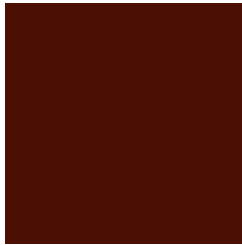
005566



00BFE6

Previews

White Background



This preview shows how the Hex color 4B0F03 looks on a white background.

Color Contrast Check

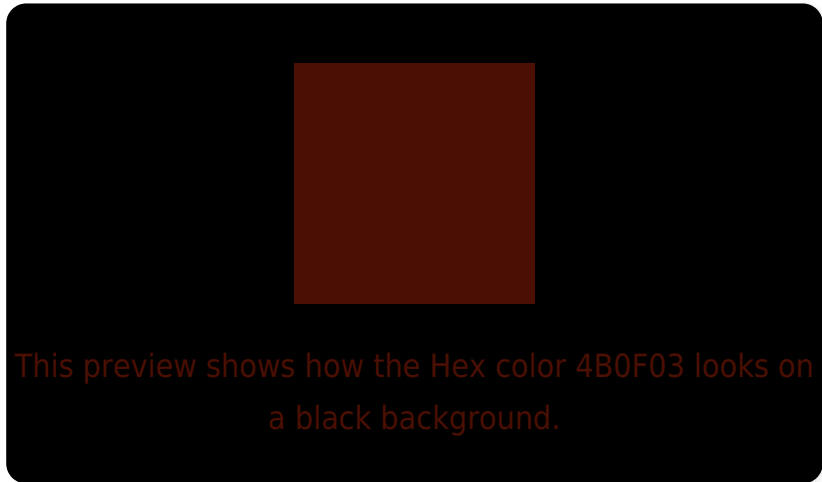
Large Text (above 18pt) WCAG AA ✓ Pass

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

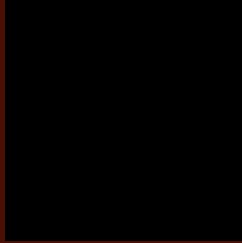
Any Text WCAG AA × Fail

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 4B0F03 Background



This preview shows how black text looks on a background with the Hex color 4B0F03.

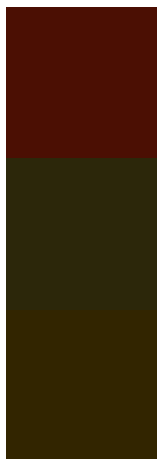


This preview shows how white text looks on a background with the Hex color 4B0F03.

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
4B0F03

Protanopia
2C270A

Deuteranopia
322500

Trichromacy



Original Color

4B0F03

Protanomaly

371E07

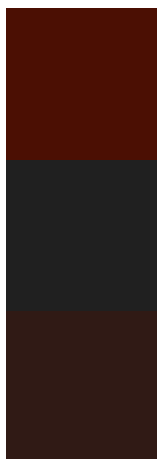
Deuteranomaly

3B1D01

Tritanomaly

4B0E0A

Monochromacy



Original Color

4B0F03

Achromatopsia

202020

Achromatomaly

301A15

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0F03 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 #4B0F03 looks like.

```
.text, #text, p{  
    color:#4B0F03  
}
```

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 #4B0F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0F03
}
```

Border

The CSS property to change the border of an element to Hex 4B0F03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

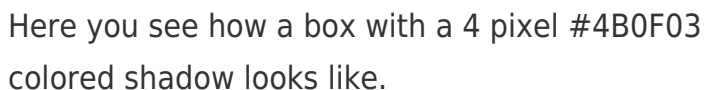
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0F03 }
```

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

```
.border{ border-color:#4B0F03 }
```

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



Here you see how a box with a 4 pixel #4B0F03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0F03; -webkit-box-shadow:4px 4px  
4px 4px #4B0F03; box-shadow:4px 4px 4px  
4px #4B0F03 }
```

Background

The CSS property to change the background color of an element to Hex 4B0F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0F03 }
```

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

```
.background{ background-color:#4B0F03 }
```

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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