

Converting Colors

Hex(4B0C00)

Have a look what the booklet for
Hex(4B0C00) contains.

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Color

Hex(4B0C00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4B0C00 |
| RGB | 75, 12, 0 |
| RGB Percent | 29%, 5%, 0% |
| CMY | 0.7059, 0.9529, 1.0000 |
| CMYK | 0.00, 0.84, 1.00, 0.71 |
| HSL | 10°, 100%, 15% |
| HSV | 10°, 100%, 29% |
| XYZ | 3.0331, 1.7588, 0.1796 |
| YIQ | 29.4690, 41.4000, 9.6240 |

Conversions

Conversions Part 2

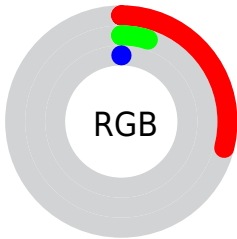
| Format | Color |
|-------------------------------------|---|
| RYB | 75, 14, 0 |
| Decimal | 4918272 |
| CIELab | 14.17, 28.56, 21.86 |
| CIElCh | 14, 35.967, 37.422 |
| Yxy | 1.7588, 0.6101, 0.3538 |
| Android (android.graphics.Color) | 4283108352 (0xFF4B0C00) |
| YUV | 29.4690, -14.5282, 39.9307 |
| Hunter-Lab | 13.2620, 17.6160, 8.4804 |

Details

The Hex color **4B0C00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003F4B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **813C2F**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **4B0C00**, and if you desaturate by 10%, it is **4B1207**.

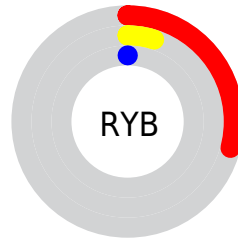
Distribution



Red (29%)

Green (5%)

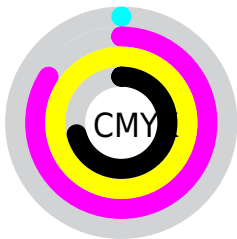
Blue (0%)



Red (29%)

Yellow (5%)

Blue (0%)

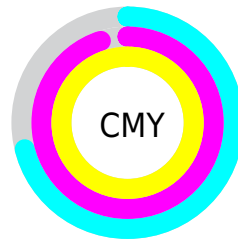


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0C00 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 4B0C00 by changing the saturation by 10% instead.

 4B0C00

 4B0C00

 FFF6E2

 310000

 813C2F

 090000

 9D5446

 000000

 B96D5D

 D68776

 F4A290

 FFBDA A

 FFD9C6

 4B0C00

■ 4B1207

■ 4B190F

■ 4B1F17

■ 4B251E

■ 4B2C26

■ 4B322D

■ 4B3835

■ 4B3E3C

■ 4B4544

Harmonies

Analogous

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



4F001F



4B0C00



3D1B00

Triad

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



4B0C00



002D0F



002557

Complementary

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



4B0C00



003F4B

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.



002C53



4B0C00



002F2A

Square

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



4B0C00



0D2B00



002E42



2B1A4C

Rectangle

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



4B0C00



302200



002E42



002857

Sweetspot

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



4B0C00



614844



4B0040



30221F



B0B0B0



303030

Same Dimension

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



4B0C00



611000



4B3100



262322



661000



E62500

Inverse Universe

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



003F4B



005161



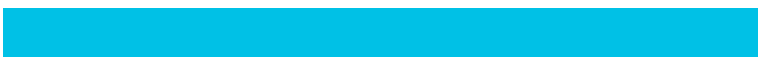
001A4B



222626



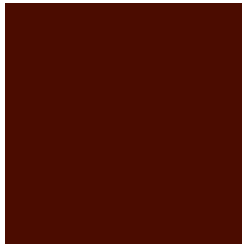
005666



00C1E6

Previews

White Background



This preview shows how the Hex color 4B0C00 looks on a white background.

Color Contrast Check

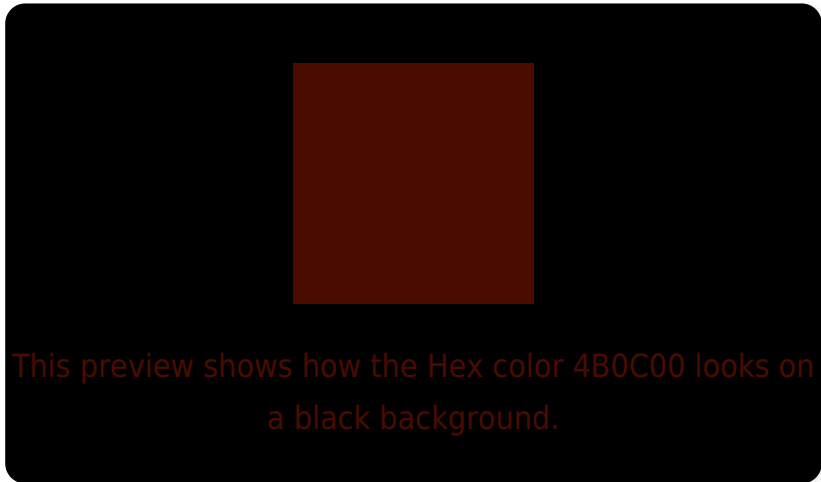
Large Text (above 18pt) WCAG AA ✓ Pass

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

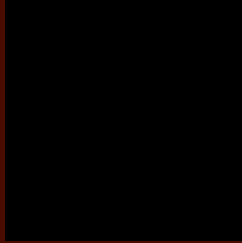
Any Text WCAG AA × Fail

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 4B0C00 Background



This preview shows how black text looks on a background with the Hex color 4B0C00.

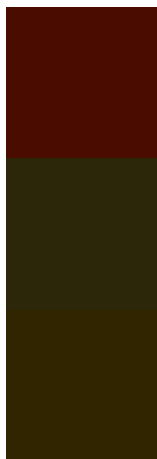


This preview shows how white text looks on a background with the Hex color 4B0C00.

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
4B0C00

Protanopia
2C2709

Deuteranopia
312500



Tritanopia
4B0B0A

Trichromacy



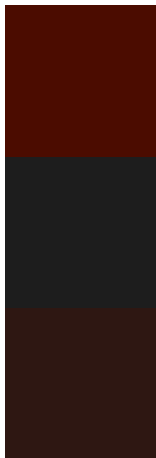
Original Color
4B0C00

Protanomaly
371D06

Deuteranomaly
3A1C00

Tritanomaly
4B0B06

Monochromacy



Original Color
4B0C00

Achromatopsia
1D1D1D

Achromatomaly
2E1712

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0C00 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 #4B0C00 looks like.

```
.text, #text, p{  
    color:#4B0C00  
}
```

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 #4B0C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0C00  
}
```

Border

The CSS property to change the border of an element to Hex 4B0C00 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  
#4B0C00 }
```

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

```
.border{ border-color:#4B0C00 }
```

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

Here you see how a box with a 4 pixel #4B0C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0C00; -webkit-box-shadow:4px 4px  
4px 4px #4B0C00; box-shadow:4px 4px 4px  
4px #4B0C00 }
```

Background

The CSS property to change the background color of an element to Hex 4B0C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0C00 }
```

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

```
.background{ background-color:#4B0C00 }
```

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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