

Converting Colors

Hex(4B2801)

Have a look what the booklet for
Hex(4B2801) contains.

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Color

Hex(4B2801)

Conversions

Conversions Part 1

Format	Color
Hex	4B2801
RGB	75, 40, 1
RGB Percent	29%, 16%, 0%
CMY	0.7059, 0.8431, 0.9961
CMYK	0.00, 0.47, 0.99, 0.71
HSL	32°, 97%, 15%
HSV	32°, 99%, 29%
XYZ	3.6659, 3.0156, 0.4176
YIQ	46.0190, 33.3790, -4.7090

Conversions

Conversions Part 2

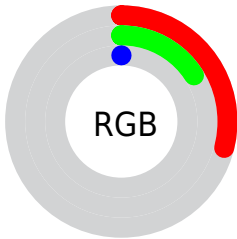
Format	Color
RYB	67, 75, 1
Decimal	4925441
CIELab	20.11, 13.30, 28.69
CIELCh	20, 31.627, 65.126
Yxy	3.0156, 0.5164, 0.4248
Android (android.graphics.Color)	4283115521 (0xFF4B2801)
YUV	46.0190, -22.1944, 25.4163
Hunter-Lab	17.3656, 7.2921, 10.7302

Details

The Hex color **4B2801** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01244B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7F5530**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4B2800**, and if you desaturate by 10%, it is **4B2C08**.

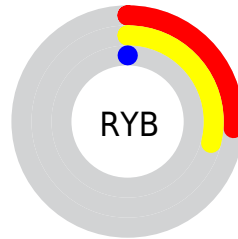
Distribution



Red (29%)

Green (16%)

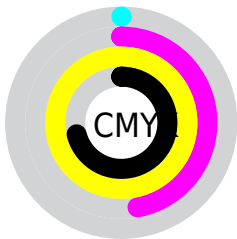
Blue (0%)



Red (26%)

Yellow (29%)

Blue (0%)

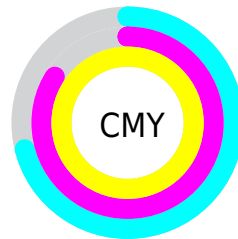


Cyan (0%)

Magenta (47%)

Yellow (99%)

Black (71%)



Cyan (71%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2801 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 4B2801 by changing the saturation by 10% instead.

 4B2801

 4B2801

 FFFFE4

 321300

 7F5530

 1B0001

 9B6E47

 000000

 B7875F

 D3A178

 F1BC92

 FFD8AD

 FFF5C8

 4B2801

 4B2801

■ 4B2800

■ 4B2C08

■ 4B2F10

■ 4B3317

■ 4B361F

■ 4B3A27

■ 4B3D2E

■ 4B4135

■ 4B443D

■ 4B4845

Harmonies

Analogous

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



571E17



4B2801



393100

Triad

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



4B2801



003B34



362957

Complementary

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



4B2801



01244B

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.



00325F



4B2801



003B4B

Square

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



4B2801



003A1C



00385A



4F1E44

Rectangle

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



4B2801



293500



00385A



292C5B

Sweetspot

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



4B2801



615344



4B0125



30281F



B0B0B0



303030

Same Dimension

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



4B2801



613300



4A4B01



262422



663600



E67900

Inverse Universe

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



01244B



002E61



02014B



222426



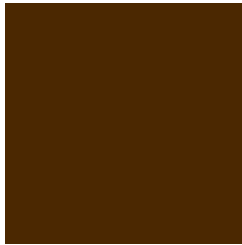
003066



006DE6

Previews

White Background



This preview shows how the Hex color 4B2801 looks on a white background.

Color Contrast Check

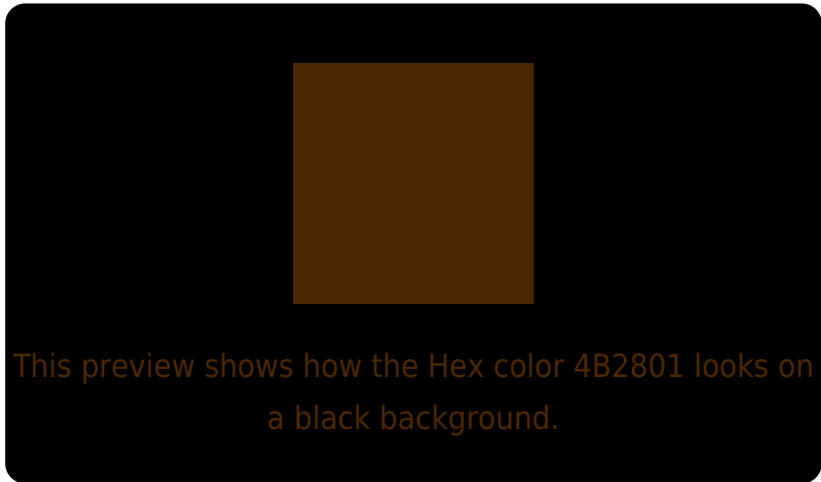
Large Text (above 18pt) WCAG AA ✓ Pass

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

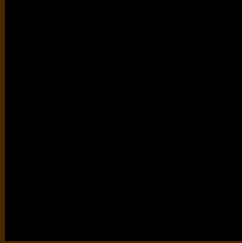
Any Text WCAG AA × Fail

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 4B2801 Background



This preview shows how black text looks on a background with the Hex color 4B2801.



This preview shows how white text looks on a background with the Hex color 4B2801.

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
4B2801

Protanopia
383206

Deuteranopia
3E2F00



Tritanopia
4C2528

Trichromacy



Original Color
4B2801

Protanomaly
3F2E04

Deuteranomaly
432C00

Tritanomaly
4C261A

Monochromacy



Original Color
4B2801

Achromatopsia
2E2E2E

Achromatomaly
392C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2801 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 #4B2801 looks like.

```
.text, #text, p{  
    color:#4B2801  
}
```

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 #4B2801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2801
}
```

Border

The CSS property to change the border of an element to Hex 4B2801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

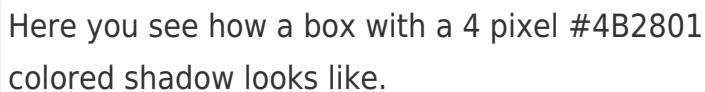
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2801 }
```

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

```
.border{ border-color:#4B2801 }
```

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



Here you see how a box with a 4 pixel #4B2801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2801; -webkit-box-shadow:4px 4px  
4px 4px #4B2801; box-shadow:4px 4px 4px  
4px #4B2801 }
```

Background

The CSS property to change the background color of an element to Hex 4B2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2801 }
```

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

```
.background{ background-color:#4B2801 }
```

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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