

Converting Colors

Hex(4B0028)

Have a look what the booklet for
Hex(4B0028) contains.

Hex(4B0028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B0028)

Conversions

Conversions Part 1

Format	Color
Hex	4B0028
RGB	75, 0, 40
RGB Percent	29%, 0%, 16%
CMY	0.7059, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.47, 0.71
HSL	328°, 100%, 15%
HSV	328°, 100%, 29%
XYZ	3.2847, 1.6491, 2.1527
YIQ	26.9850, 31.8600, 28.3400

Conversions

Conversions Part 2

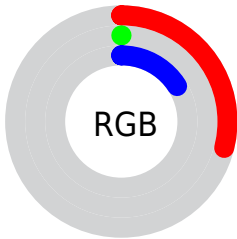
Format	Color
R_{YB}	75, 0, 40
Decimal	4915240
CIE Lab	13.53, 35.60, -3.17
CIE LCh	14, 35.737, 354.906
Yxy	1.6491, 0.4635, 0.2327
Android (android.graphics.Color)	4283105320 (0xFF4B0028)
YUV	26.9850, 6.4164, 42.1092
Hunter-Lab	12.8416, 23.1845, -0.9498

Details

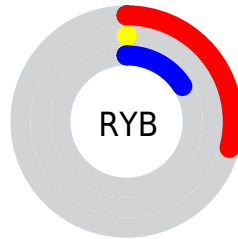
The Hex color **4B0028** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004B23**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7F3555**, and **120000** is the 20% darker color. If you saturate the color by 10%, you get **4B0028**, and if you desaturate by 10%, it is **4B072B**.

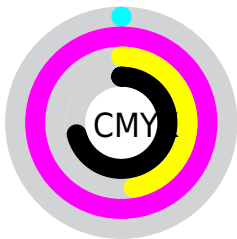
Distribution



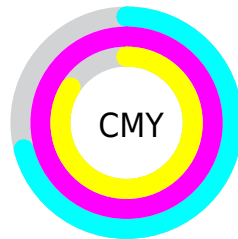
- Red (29%)
- Green (0%)
- Blue (16%)



- Red (29%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B0028 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 4B0028 by changing the saturation by 10% instead.

 4B0028

 4B0028

 FFF0FF

 330014

 7F3555

 120000

 9B4E6D

 000000

 B76786

 D381A1

 F09CBC

 FFB7D7

 FFD3F4

 4B0028

 4B072B

 4B0F2F

 4B1733

 4B1E36

 4B263A

 4B2D3D

 4B3541

 4B3C44

 4B4448

Harmonies

Analogous

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



3B0F40



4B0028



4C040E

Triad

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



4B0028



192700



002C4B

Complementary

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



4B0028



004B23

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.



002D37



4B0028



002B00

Square

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



4B0028



302000



002D1D



002755

Rectangle

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



4B0028



470F00



002D1D



002C46

Sweetspot

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



4B0028



614453



23004B



301F28



B0B0B0



303030

Same Dimension

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



4B0028



610034



4B0002



262224



660036



E6007A

Inverse Universe

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



4B0028



610034



004B49



262224



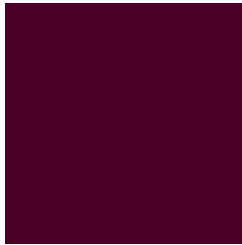
660036



E6007A

Previews

White Background



This preview shows how the Hex color 4B0028 looks on a white background.

Color Contrast Check

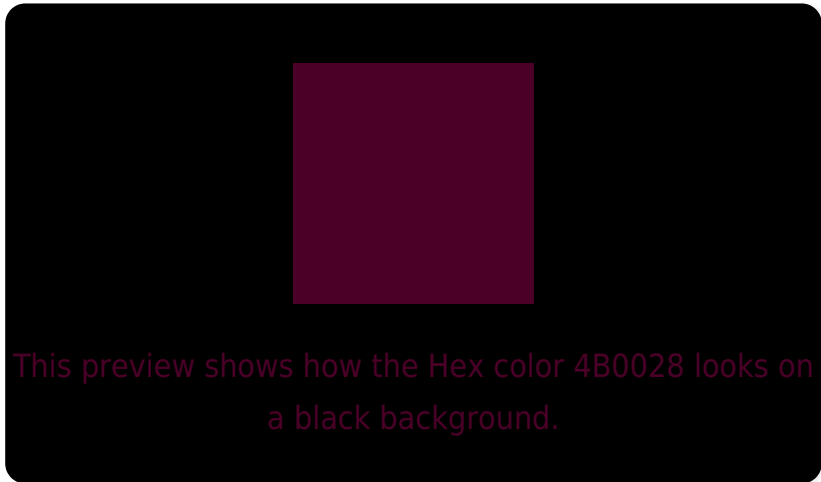
Large Text (above 18pt) WCAG AA ✓ Pass

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

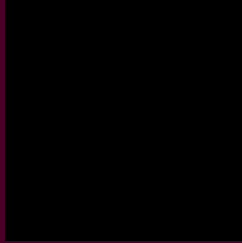
Any Text WCAG AA × Fail

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 4B0028 Background



This preview shows how black text looks on a background with the Hex color 4B0028.



This preview shows how white text looks on a background with the Hex color 4B0028.

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
4B0028

Protanopia
21273A

Deuteranopia
2C2625



Tritanopia
4A1010

Trichromacy



Original Color
4B0028

Protanomaly
301933

Deuteranomaly
371826

Tritanomaly
4A0A19

Monochromacy



Original Color
4B0028

Achromatopsia
1B1B1B

Achromatomaly
2C1120

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B0028 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 #4B0028 looks like.

```
.text, #text, p{  
    color:#4B0028  
}
```

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 #4B0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0028
}
```

Border

The CSS property to change the border of an element to Hex 4B0028 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
#4B0028 }
```

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

```
.border{ border-color:#4B0028 }
```

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

Here you see how a box with a 4 pixel #4B0028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0028; -webkit-box-shadow:4px 4px  
4px 4px #4B0028; box-shadow:4px 4px 4px  
4px #4B0028 }
```

Background

The CSS property to change the background color of an element to Hex 4B0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0028 }
```

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

```
.background{ background-color:#4B0028 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor