

Converting Colors

Hex(4C0035)

Have a look what the booklet for
Hex(4C0035) contains.

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Color

Hex(4C0035)

Conversions

Conversions Part 1

Format	Color
Hex	4C0035
RGB	76, 0, 53
RGB Percent	30%, 0%, 21%
CMY	0.7020, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.30, 0.70
HSL	318°, 100%, 15%
HSV	318°, 100%, 30%
XYZ	3.6231, 1.7935, 3.5234
YIQ	28.7660, 28.2830, 32.5950

Conversions

Conversions Part 2

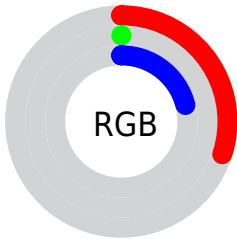
Format	Color
R_{YB}	76, 0, 53
Decimal	4980789
CIE _{Lab}	14.36, 37.39, -11.38
CIE _{LCh}	14, 39.087, 343.072
Yxy	1.7935, 0.4053, 0.2006
Android (android.graphics.Color)	4283170869 (0xFF4C0035)
YUV	28.7660, 11.9474, 41.4242
Hunter-Lab	13.3923, 24.8540, -6.2240

Details

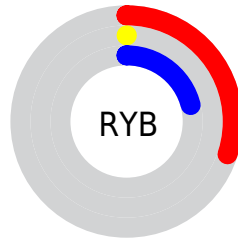
The Hex color **4C0035** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004C17**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **803664**, and **190005** is the 20% darker color. If you saturate the color by 10%, you get **4C0035**, and if you desaturate by 10%, it is **4C0837**.

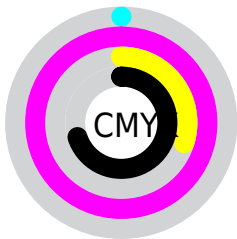
Distribution



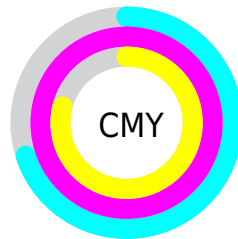
- Red (30%)
- Green (0%)
- Blue (21%)



- Red (30%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0035 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 4C0035 by changing the saturation by 10% instead.

 4C0035

 4C0035

 FFF2FF

 340020

 803664

 190005

 9B4F7D

 000000

 B76997

 D383B1

 F09ECD

 FFB9E9

 FFD5FF

 4C0035

■ 4C0837

■ 4C0F3A

■ 4C173C

■ 4C1E3E

■ 4C2641

■ 4C2E43

■ 4C3545

■ 4C3D47

■ 4C444A

Harmonies

Analogous

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



33164D



4C0035



53001A

Triad

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



4C0035



232700



002F4A

Complementary

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



4C0035



004C17

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.



003030



4C0035



012C00

Square

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



4C0035



3B1D00



002F13



002C59

Rectangle

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



4C0035



4F0502



002F13



003042

Sweetspot

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



4C0035



63465A



17004C



33212D



B3B3B3



333333

Same Dimension

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



4C0035



630045



4C000F



262225



660047



E600A0

Inverse Universe

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



4C0035



630045



004C3D



262225



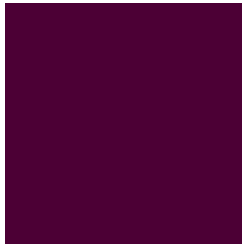
660047



E600A0

Previews

White Background



This preview shows how the Hex color 4C0035 looks on a white background.

Color Contrast Check

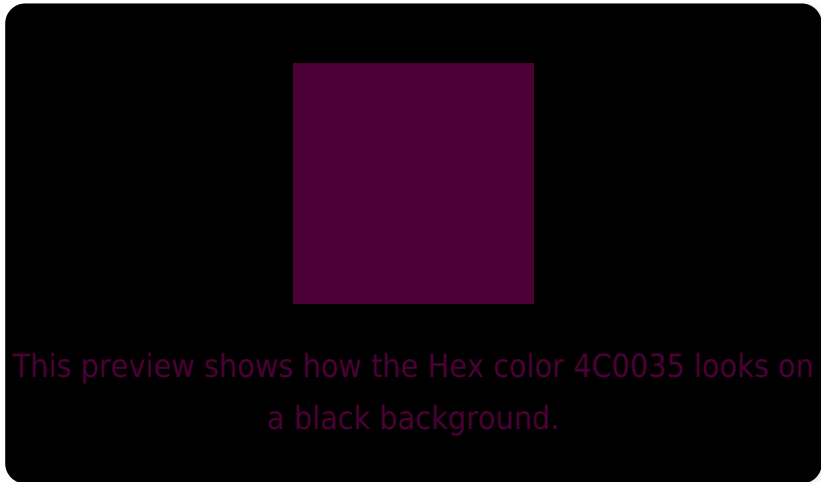
Large Text (above 18pt) WCAG AA ✓ Pass

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

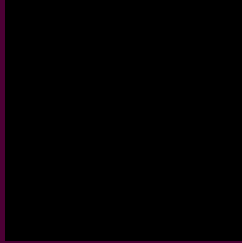
Any Text WCAG AA × Fail

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 4C0035 Background



This preview shows how black text looks on a background with the Hex color 4C0035.



This preview shows how white text looks on a background with the Hex color 4C0035.

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
4C0035

Protanopia
16284C

Deuteranopia
282831



Tritanopia
4A1516

Trichromacy



Original Color
4C0035

Protanomaly
2A1944

Deuteranomaly
351932

Tritanomaly
4B0D21

Monochromacy



Original Color
4C0035

Achromatopsia
1D1D1D

Achromatomaly
2E1226

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0035 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 #4C0035 looks like.

```
.text, #text, p{  
    color:#4C0035  
}
```

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 #4C0035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0035
}
```

Border

The CSS property to change the border of an element to Hex 4C0035 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".

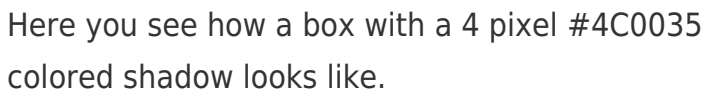
```
.border, #border, table{ border:4px solid
#4C0035 }
```

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

```
.border{ border-color:#4C0035 }
```

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

Here you see how a box with a 4 pixel #4C0035 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0035; -webkit-box-shadow:4px 4px  
4px 4px #4C0035; box-shadow:4px 4px 4px  
4px #4C0035 }
```

Background

The CSS property to change the background color of an element to Hex 4C0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0035 }
```

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

```
.background{ background-color:#4C0035 }
```

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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