

Converting Colors

Hex(4C0073)

Have a look what the booklet for
Hex(4C0073) contains.

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Color

Hex(4C0073)

Conversions

Conversions Part 1

Format	Color
Hex	4C0073
RGB	76, 0, 115
RGB Percent	30%, 0%, 45%
CMY	0.7020, 1.0000, 0.5490
CMYK	0.34, 1.00, 0.00, 0.55
HSL	280°, 100%, 23%
HSV	280°, 100%, 45%
XYZ	6.0750, 2.7743, 16.4350
YIQ	35.8340, 8.3810, 51.8770

Conversions

Conversions Part 2

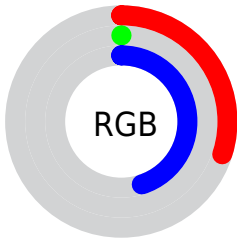
Format	Color
R_{YB}	76, 0, 115
Decimal	4980851
CIE _{Lab}	19.12, 48.55, -45.94
CIE _{LCh}	19, 66.841, 316.580
Yxy	2.7743, 0.2403, 0.1097
Android (android.graphics.Color)	4283170931 (0xFF4C0073)
YUV	35.8340, 39.0288, 35.2256
Hunter-Lab	16.6562, 35.9556, -46.8429

Details

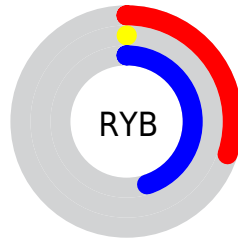
The Hex color **4C0073** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **277300**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **823CA8**, and **1B0042** is the 20% darker color. If you saturate the color by 10%, you get **4C0073**, and if you desaturate by 10%, it is **500B73**.

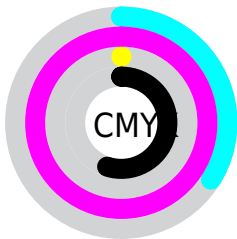
Distribution



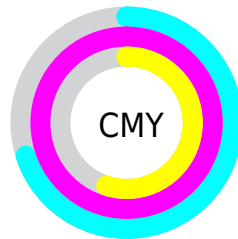
- Red (30%)
- Green (0%)
- Blue (45%)



- Red (30%)
- Yellow (0%)
- Blue (45%)



- Cyan (34%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (70%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0073 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 4C0073 by changing the saturation by 10% instead.

 4C0073

 4C0073

 FFFAFF

 31005A

 823CA8

 1B0042

 9D55C3

 00022A

 B96FE0

 000115

 D68AFD

 000000

 F3A5FF

 FFC1FF

 FFDDFF

 4C0073

 500B73

 541773

 582373

 5C2E73

 5F3A73

 634573

 675173

 6B5C73

 6F6873

Harmonies

Analogous

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



002D8F



4C0073



750046

Triad

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



4C0073



4C2400



004049

Complementary

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



4C0073



277300

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.



003E15



4C0073



203500

Square

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



4C0073



6B0000



003B00



004076

Rectangle

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



4C0073



7C0027



003B00



003F38

Sweetspot

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



4C0073



876996



002873



43314D



CCCCCC



4D4D4D

Same Dimension

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



4C0073



630096



730062



39353B



51007A



A500FA

Inverse Universe

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



730027



960033



007311



3B3537



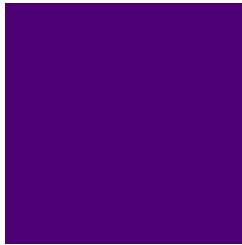
7A002A



FA0055

Previews

White Background



This preview shows how the Hex color 4C0073 looks on a white background.

Color Contrast Check

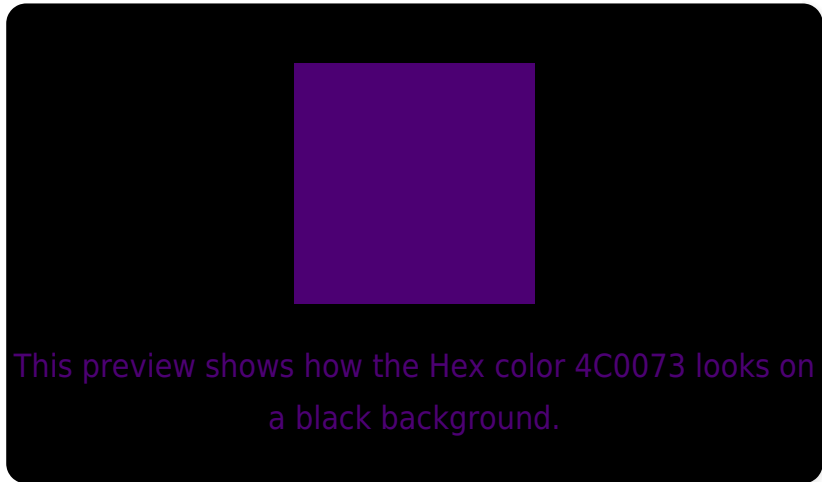
Large Text (above 18pt) WCAG AA ✓ Pass

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

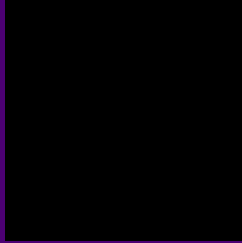
Any Text WCAG AA × Fail

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 4C0073 Background



This preview shows how black text looks on a background with the Hex color 4C0073.



This preview shows how white text looks on a background with the Hex color 4C0073.

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
4C0073

Protanopia
003166

Deuteranopia
003458



Tritanopia
402D30

Trichromacy



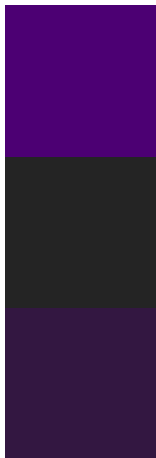
Original Color
4C0073

Protanomaly
1C1F6B

Deuteranomaly
1C2162

Tritanomaly
441D48

Monochromacy



Original Color
4C0073

Achromatopsia
242424

Achromatomaly
331741

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0073 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 #4C0073 looks like.

```
.text, #text, p{  
    color:#4C0073  
}
```

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 #4C0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0073
}
```

Border

The CSS property to change the border of an element to Hex 4C0073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

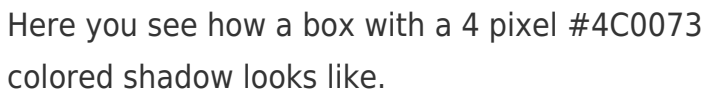
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0073 }
```

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

```
.border{ border-color:#4C0073 }
```

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



Here you see how a box with a 4 pixel `#4C0073` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0073; -webkit-box-shadow:4px 4px  
4px 4px #4C0073; box-shadow:4px 4px 4px  
4px #4C0073 }
```

Background

The CSS property to change the background color of an element to Hex 4C0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0073 }
```

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

```
.background{ background-color:#4C0073 }
```

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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