

Converting Colors

Hex(4C0086)

Have a look what the booklet for
Hex(4C0086) contains.

Hex(4C0086)	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(4C0086)

Conversions

Conversions Part 1

Format	Color
Hex	4C0086
RGB	76, 0, 134
RGB Percent	30%, 0%, 53%
CMY	0.7020, 1.0000, 0.4745
CMYK	0.43, 1.00, 0.00, 0.47
HSL	274°, 100%, 26%
HSV	274°, 100%, 53%
XYZ	7.2836, 3.2577, 22.7992
YIQ	38.0000, 2.2820, 57.7860

Conversions

Conversions Part 2

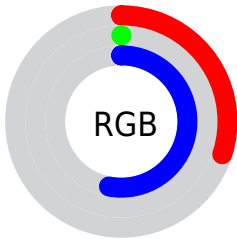
Format	Color
R_{YB}	76, 0, 134
Decimal	4980870
CIE _{Lab}	21.05, 52.69, -54.89
CIE _{LCh}	21, 76.083, 313.828
Yxy	3.2577, 0.2185, 0.0977
Android (android.graphics.Color)	4283170950 (0xFF4C0086)
YUV	38.0000, 47.3280, 33.3260
Hunter-Lab	18.0492, 40.4458, -62.2589

Details

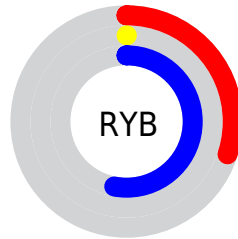
The Hex color **4C0086** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3A8600**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **843DBC**, and **140053** is the 20% darker color. If you saturate the color by 10%, you get **4C0086**, and if you desaturate by 10%, it is **520D86**.

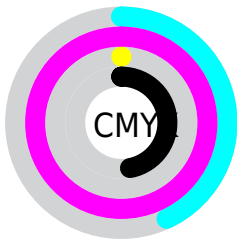
Distribution



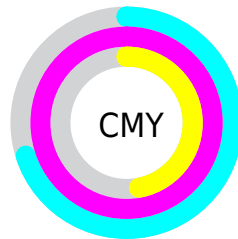
- Red (30%)
- Green (0%)
- Blue (53%)



- Red (30%)
- Yellow (0%)
- Blue (53%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0086 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 4C0086 by changing the saturation by 10% instead.

 4C0086

 4C0086

FFFEFF

 30006C

 843DBC

 140053

 A057D9

 00003B

 BC72F5

 000224

 D98CFF

 00000C

 F7A8FF

 000000

 FFC4FF

 FFE0FF

 4C0086

■ 520D86

■ 581B86

■ 5D2886

■ 633686

■ 694386

■ 6F5086

■ 755E86

■ 7A6B86

■ 807986

Harmonies

Analogous

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



0034A4



4C0086



810053

Triad

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



4C0086



572400



00454C

Complementary

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



4C0086



3A8600

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.



00440F



4C0086



263900

Square

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



4C0086



7A0000



004100



004682

Rectangle

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



4C0086



8B002F



004100



004539

Sweetspot

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



4C0086



9779AD



003A86



493757



D6D6D6



575757

Same Dimension

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



4C0086



6200AD



86007D



3F3C42



4A0082



010003

Inverse Universe

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



86003A



AD004B



008609



423C3F



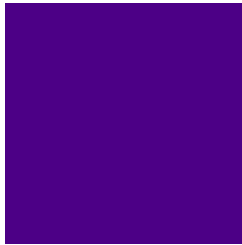
820038



030001

Previews

White Background



This preview shows how the Hex color 4C0086 looks on a white background.

Color Contrast Check

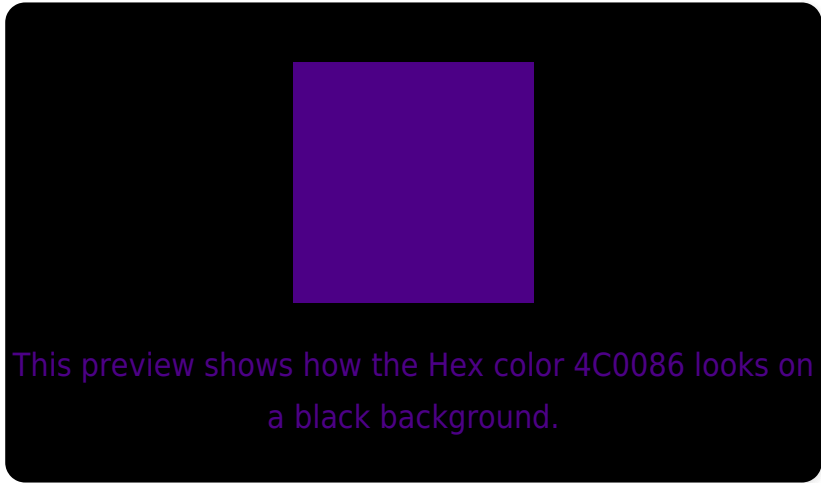
Large Text (above 18pt) WCAG AA ✓ Pass

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

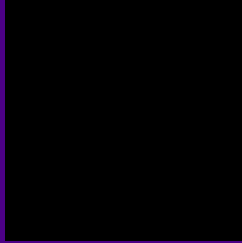
Any Text WCAG AA × Fail

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 4C0086 Background



This preview shows how black text looks on a background with the Hex color 4C0086.



This preview shows how white text looks on a background with the Hex color 4C0086.

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](#).

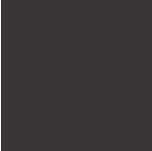
Dichromacy



Original Color
4C0086

Protanopia
00346E

Deuteranopia
00385E



Tritanopia
3A3438

Trichromacy



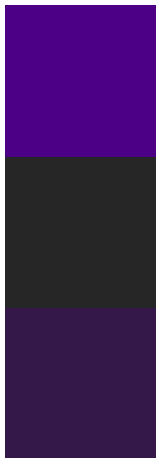
Original Color
4C0086

Protanomaly
1C2177

Deuteranomaly
1C246D

Tritanomaly
412154

Monochromacy



Original Color
4C0086

Achromatopsia
262626

Achromatomaly
341849

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0086 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 #4C0086 looks like.

```
.text, #text, p{  
    color:#4C0086  
}
```

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 #4C0086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0086
}
```

Border

The CSS property to change the border of an element to Hex 4C0086 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
#4C0086 }
```

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

```
.border{ border-color:#4C0086 }
```

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

Here you see how a box with a 4 pixel #4C0086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0086; -webkit-box-shadow:4px 4px  
4px 4px #4C0086; box-shadow:4px 4px 4px  
4px #4C0086 }
```

Background

The CSS property to change the background color of an element to Hex 4C0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0086 }
```

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

```
.background{ background-color:#4C0086 }
```

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