

Converting Colors

Hex(4C0088)

Have a look what the booklet for
Hex(4C0088) contains.

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Color

Hex(4C0088)

Conversions

Conversions Part 1

Format	Color
Hex	4C0088
RGB	76, 0, 136
RGB Percent	30%, 0%, 53%
CMY	0.7020, 1.0000, 0.4667
CMYK	0.44, 1.00, 0.00, 0.47
HSL	274°, 100%, 27%
HSV	274°, 100%, 53%
XYZ	7.4244, 3.3141, 23.5409
YIQ	38.2280, 1.6400, 58.4080

Conversions

Conversions Part 2

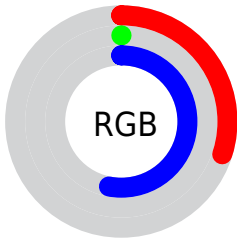
Format	Color
R_{YB}	76, 0, 136
Decimal	4980872
CIE _{Lab}	21.26, 53.13, -55.80
CIE _{LCh}	21, 77.047, 313.599
Yxy	3.3141, 0.2166, 0.0967
Android (android.graphics.Color)	4283170952 (0xFF4C0088)
YUV	38.2280, 48.2016, 33.1260
Hunter-Lab	18.2046, 40.9401, -63.9265

Details

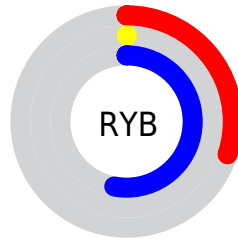
The Hex color **4C0088** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3C8800**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **843EBE**, and **130055** is the 20% darker color. If you saturate the color by 10%, you get **4C0088**, and if you desaturate by 10%, it is **520E88**.

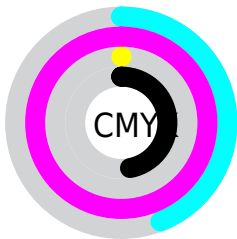
Distribution



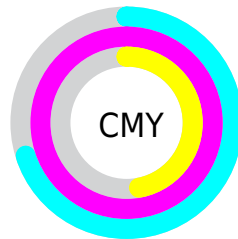
- Red (30%)
- Green (0%)
- Blue (53%)



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



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0088 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 4C0088 by changing the saturation by 10% instead.

 4C0088

 4C0088

FFFEFF

 2F006E

 843EBE

 130055

 A058DB

 00003D

 BD72F8

 000226

 DA8DFF

 00010F

 F7A8FF

 000000

 FFC4FF

 FFE1FF

 4C0088

■ 520E88

■ 581B88

■ 5E2988

■ 643688

■ 6A4488

■ 705288

■ 765F88

■ 7C6D88

■ 827A88

Harmonies

Analogous

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



0035A6



4C0088



820055

Triad

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



4C0088



582400



00464D

Complementary

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



4C0088



3C8800

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.



00440E



4C0088



273900

Square

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



4C0088



7B0000



004100



004783

Rectangle

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



4C0088



8D0030



004100



004639

Sweetspot

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



4C0088



997BB0



003D88



4B3959



D9D9D9



595959

Same Dimension

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



4C0088



6200B0



880081



423E45



4A0085



030005

Inverse Universe

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



88003C



B0004E



008807



453E41



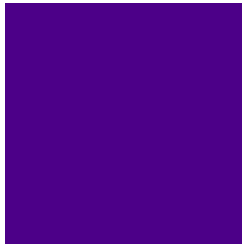
85003B



050002

Previews

White Background



This preview shows how the Hex color 4C0088 looks on a white background.

Color Contrast Check

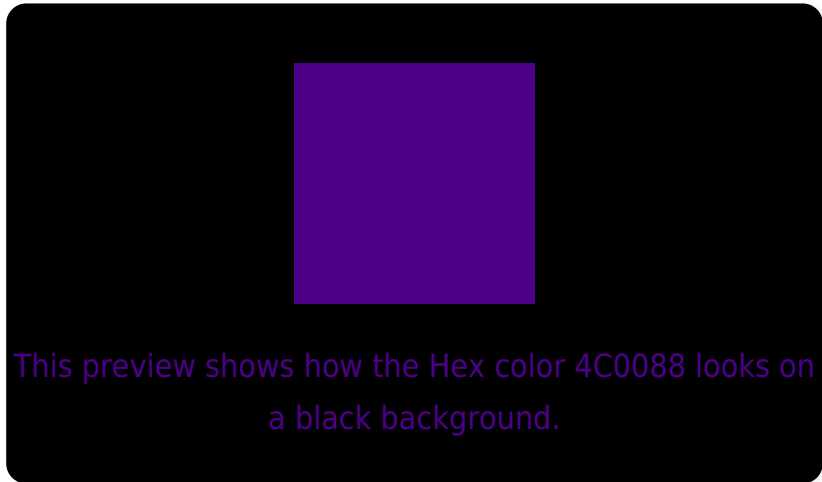
Large Text (above 18pt) WCAG AA ✓ Pass

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

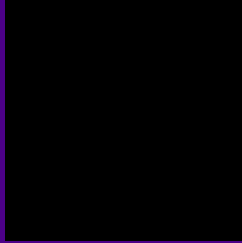
Any Text WCAG AA × Fail

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 4C0088 Background



This preview shows how black text looks on a background with the Hex color 4C0088.



This preview shows how white text looks on a background with the Hex color 4C0088.

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
4C0088

Protanopia
00356F

Deuteranopia
00385F



Tritanopia
3A3539

Trichromacy



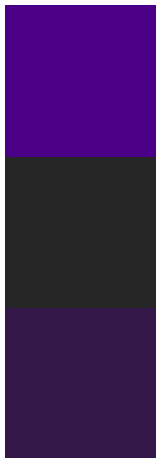
Original Color
4C0088

Protanomaly
1C2278

Deuteranomaly
1C246E

Tritanomaly
412256

Monochromacy



Original Color
4C0088

Achromatopsia
262626

Achromatomaly
34184A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0088 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 #4C0088 looks like.

```
.text, #text, p{  
    color:#4C0088  
}
```

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 #4C0088 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0088
}
```

Border

The CSS property to change the border of an element to Hex 4C0088 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
#4C0088 }
```

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

```
.border{ border-color:#4C0088 }
```

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

Here you see how a box with a 4 pixel #4C0088 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0088; -webkit-box-shadow:4px 4px  
4px 4px #4C0088; box-shadow:4px 4px 4px  
4px #4C0088 }
```

Background

The CSS property to change the background color of an element to Hex 4C0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0088 }
```

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

```
.background{ background-color:#4C0088 }
```

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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