

Converting Colors

Hex(4D0099)

Have a look what the booklet for
Hex(4D0099) contains.

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Color

Hex(4D0099)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4D0099 |
| RGB | 77, 0, 153 |
| RGB Percent | 30%, 0%, 60% |
| CMY | 0.6980, 1.0000, 0.4000 |
| CMYK | 0.50, 1.00, 0.00, 0.40 |
| HSL | 270°, 100%, 30% |
| HSV | 270°, 100%, 60% |
| XYZ | 8.8103, 3.8777, 30.4211 |
| YIQ | 40.4650, -3.2210, 63.9070 |

Conversions

Conversions Part 2

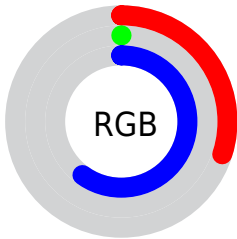
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 77, 0, 153 |
| Decimal | 5046425 |
| CIELab | 23.26, 57.05, -63.05 |
| CIElCh | 23, 85.030, 312.137 |
| Yxy | 3.8777, 0.2044, 0.0900 |
| Android (android.graphics.Color) | 4283236505 (0xFF4D0099) |
| YUV | 40.4650, 55.4798, 32.0412 |
| Hunter-Lab | 19.6918, 45.4020, -77.8103 |

Details

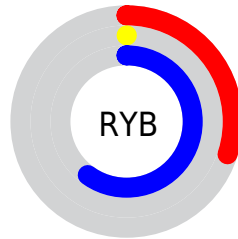
The Hex color **4D0099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4C9900**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8740D1**, and **050064** is the 20% darker color. If you saturate the color by 10%, you get **4D0099**, and if you desaturate by 10%, it is **550F99**.

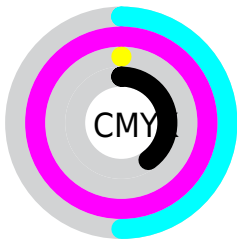
Distribution



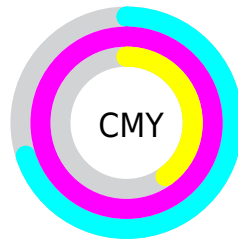
- Red (30%)
- Green (0%)
- Blue (60%)



- Red (30%)
- Yellow (0%)
- Blue (60%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D0099 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 4D0099 by changing the saturation by 10% instead.

 4D0099

 4D0099

FFFFFF

 2E007E

 8740D1

 050064

 A35AED

 00004C

 C175FF

 000434

 DE90FF

 00021E

 FCABFF

 000000

 FFC7FF

 FFE4FF

 4D0099

 550F99

 5C1F99

 642E99


 6B3D99

 734D99

 7B5C99

 826B99

 8A7A99

 918A99

Harmonies

Analogous

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



003BBA



4D0099



8E0060

Triad

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



4D0099



632400



004C51

Complementary

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



4D0099



4C9900

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.



004A09



4D0099



2D3D00

Square

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



4D0099



890000



004700



004D8E

Rectangle

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



4D0099



9B0037



004700



004B3B

Sweetspot

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



4D0099



A98BC7



004D99



524063



E3E3E3



636363

Same Dimension

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



4D0099



6400C7



990099



49454D



47008C



06000D

Inverse Universe

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



99004C



C70063



009900



4D4549



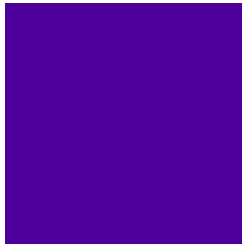
8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 4D0099 looks on a white background.

Color Contrast Check

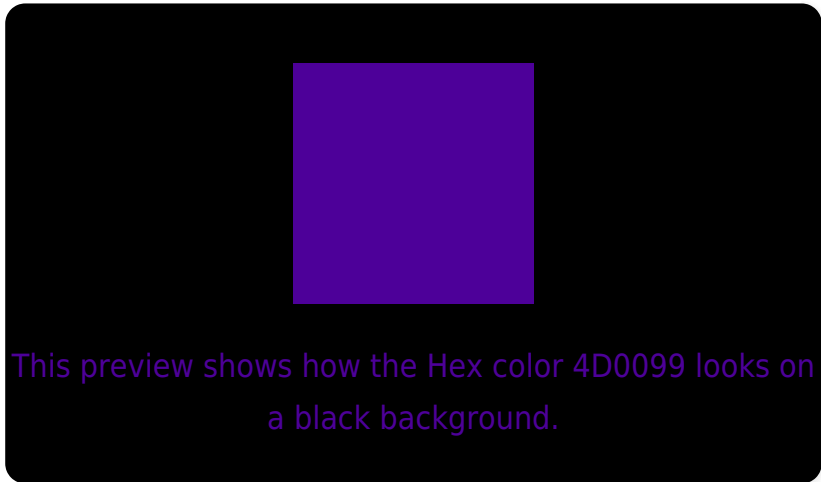
Large Text (above 18pt) WCAG AA ✓ Pass

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

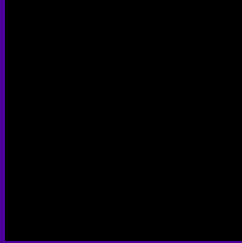
Any Text WCAG AA × Fail

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 4D0099 Background



This preview shows how black text looks on a background with the Hex color 4D0099.



This preview shows how white text looks on a background with the Hex color 4D0099.

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
4D0099

Protanopia
003977

Deuteranopia
003C66



Tritanopia
343C40

Trichromacy



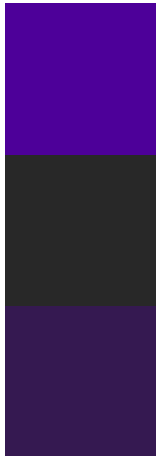
Original Color
4D0099

Protanomaly
1C2483

Deuteranomaly
1C2679

Tritanomaly
3D2660

Monochromacy



Original Color
4D0099

Achromatopsia
282828

Achromatomaly
351951

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D0099 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 #4D0099 looks like.

```
.text, #text, p{  
    color:#4D0099  
}
```

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 #4D0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0099
}
```

Border

The CSS property to change the border of an element to Hex 4D0099 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
#4D0099 }
```

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

```
.border{ border-color:#4D0099 }
```

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

Here you see how a box with a 4 pixel #4D0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0099; -webkit-box-shadow:4px 4px  
4px 4px #4D0099; box-shadow:4px 4px 4px  
4px #4D0099 }
```

Background

The CSS property to change the background color of an element to Hex 4D0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0099 }
```

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

```
.background{ background-color:#4D0099 }
```

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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