

Converting Colors

Hex(2C0099)

Have a look what the booklet for
Hex(2C0099) contains.

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Color

Hex(2C0099)

Conversions

Conversions Part 1

Format	Color
Hex	2C0099
RGB	44, 0, 153
RGB Percent	17%, 0%, 60%
CMY	0.8275, 1.0000, 0.4000
CMYK	0.71, 1.00, 0.00, 0.40
HSL	257°, 100%, 30%
HSV	257°, 100%, 60%
XYZ	6.7885, 2.8354, 30.3265
YIQ	30.5980, -22.8890, 56.9110

Conversions

Conversions Part 2

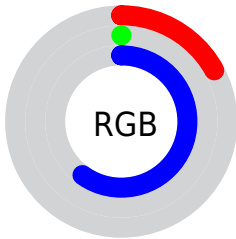
Format	Color
R_{YB}	44, 0, 153
Decimal	2883737
CIE _{Lab}	19.37, 54.98, -69.63
CIE _{LCh}	19, 88.719, 308.299
Yxy	2.8354, 0.1699, 0.0710
Android (android.graphics.Color)	4281073817 (0xFF2C0099)
YUV	30.5980, 60.3442, 11.7536
Hunter-Lab	16.8386, 42.4947, -94.9949

Details

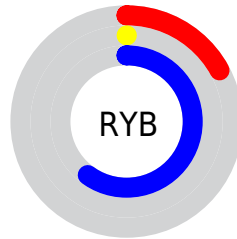
The Hex color **2C0099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D9900**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6C3AD1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **2C0099**, and if you desaturate by 10%, it is **370F99**.

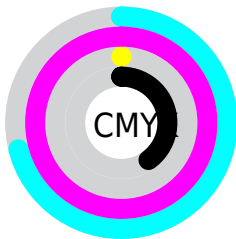
Distribution



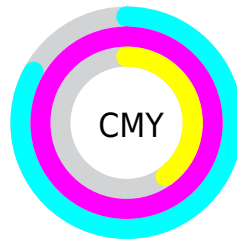
- Red (17%)
- Green (0%)
- Blue (60%)



- Red (17%)
- Yellow (0%)
- Blue (60%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (83%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0099 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 2C0099 by changing the saturation by 10% instead.

 2C0099

 2C0099

 FFF9FF

 00007E

 6C3AD1

 000064

 8A54EE

 00024B

 A86EFF

 000433

 C588FF

 00021D

 E3A4FF

 000000

 FFBFFF

 FFD0FF

 2C0099

 370F99

 421F99

 4D2E99

 583D99

 624D99

 6D5C99

 786B99

 837A99

 8E8A99

Harmonies

Analogous

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



0037B6



2C0099



810061

Triad

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



2C0099



5E1300



004340

Complementary

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



2C0099



6D9900

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.



004100



2C0099



2A3300

Square

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



2C0099



830000



003D00



004581

Rectangle

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



2C0099



910036



003D00



00422A

Sweetspot

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



2C0099



9C8BC7



006E99



4A4063



E3E3E3



636363

Same Dimension

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



2C0099



3900C7



780099



47454D



28008C



04000D

Inverse Universe

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



99006D



C7008E



219900



4D454A



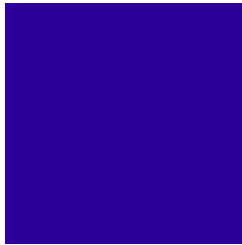
8C0064



0D0009

Previews

White Background



This preview shows how the Hex color 2C0099 looks on a white background.

Color Contrast Check

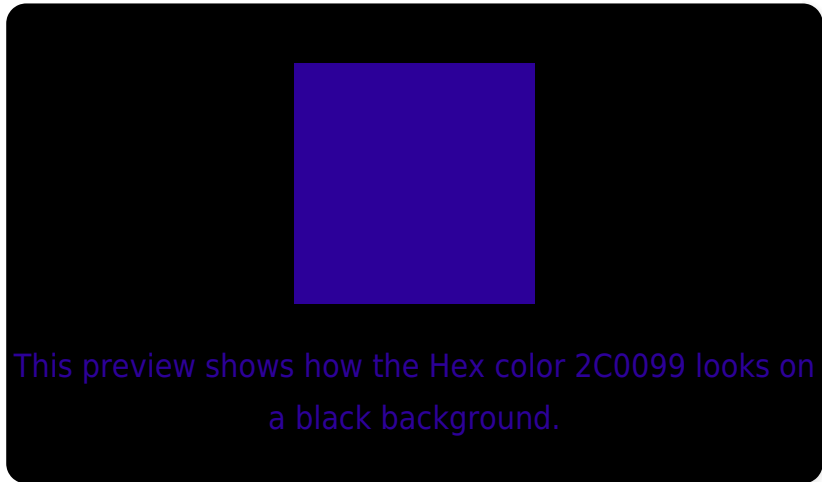
Large Text (above 18pt) WCAG AA ✓ Pass

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

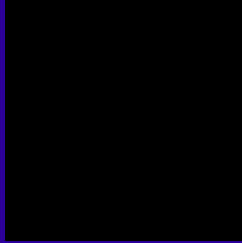
Any Text WCAG AA × Fail

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 2C0099 Background



This preview shows how black text looks on a background with the Hex color 2C0099.



This preview shows how white text looks on a background with the Hex color 2C0099.

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
2C0099

Protanopia
003166

Deuteranopia
003456



Tritanopia
00383B

Trichromacy



Original Color
2C0099

Protanomaly
101F79

Deuteranomaly
10216E

Tritanomaly
10245D

Monochromacy



Original Color
2C0099

Achromatopsia
1F1F1F

Achromatomaly
24144B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0099 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 #2C0099 looks like.

```
.text, #text, p{  
    color:#2C0099  
}
```

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 #2C0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0099
}
```

Border

The CSS property to change the border of an element to Hex 2C0099 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
#2C0099 }
```

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

```
.border{ border-color:#2C0099 }
```

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

Here you see how a box with a 4 pixel #2C0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0099; -webkit-box-shadow:4px 4px  
4px 4px #2C0099; box-shadow:4px 4px 4px  
4px #2C0099 }
```

Background

The CSS property to change the background color of an element to Hex 2C0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0099 }
```

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

```
.background{ background-color:#2C0099 }
```

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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