

Converting Colors

Hex(0C2199)

Have a look what the booklet for
Hex(0C2199) contains.

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Color

Hex(0C2199)

Conversions

Conversions Part 1

Format	Color
Hex	0C2199
RGB	12, 33, 153
RGB Percent	5%, 13%, 60%
CMY	0.9529, 0.8706, 0.4000
CMYK	0.92, 0.78, 0.00, 0.40
HSL	231°, 85%, 32%
HSV	231°, 92%, 60%
XYZ	6.4452, 3.4658, 30.4663
YIQ	40.4010, -51.0360, 32.8680

Conversions

Conversions Part 2

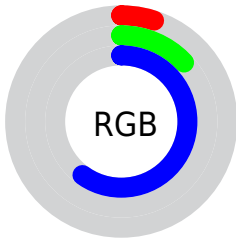
Format	Color
RYB	12, 30, 153
Decimal	795033
CIELab	21.82, 40.88, -65.61
CIELCh	22, 77.297, 301.925
Yxy	3.4658, 0.1596, 0.0858
Android (android.graphics.Color)	4278985113 (0xFF0C2199)
YUV	40.4010, 55.5113, -24.9077
Hunter-Lab	18.6166, 29.2193, -83.9970

Details

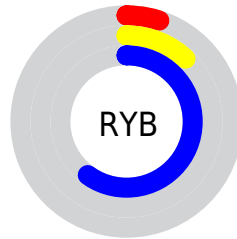
The Hex color **0C2199** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **99840C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B4FD1**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **001799**, and if you desaturate by 10%, it is **1B2E99**.

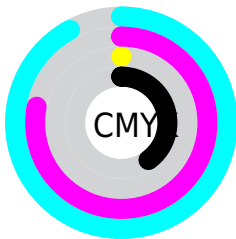
Distribution



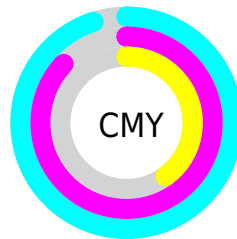
- Red (5%)
- Green (13%)
- Blue (60%)



- Red (5%)
- Yellow (12%)
- Blue (60%)



- Cyan (92%)
- Magenta (78%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2199 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 0C2199 by changing the saturation by 10% instead.

■ 0C2199

■ 0C2199

FFFFFF

■ 000C7E

■ 5B4FD1

■ 000065

■ 7967ED

■ 00054B

■ 9781FF

■ 000434

■ B49BFF

■ 00021E

■ D2B6FF

■ 000000

■ F0D2FF

■ FFEFFF

■ 0C2199

■ 0C2199

■ 001799

■ 1B2E99

■ 2B3B99

■ 3A4899

■ 495599

■ 586299

■ 686F99

■ 777C99

■ 868999

■ 969699

Harmonies

Analogous

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



003EAC



0C2199



76006C

Triad

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



0C2199



691300



004737

Complementary

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



0C2199



99840C

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.



004500



0C2199



3E3400

Square

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



0C2199



870000



004000



004871

Rectangle

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



0C2199



8A0046



004000



004622

Sweetspot

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



0C2199



8F98C7



0C9984



424763



E3E3E3



636363

Same Dimension

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



0C2199



001EC7



3D0C99



45464D



00158C



00020D

Inverse Universe

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



990C21



C7001E



68990C



4D4546



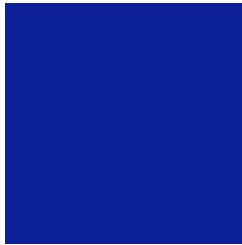
8C0015



0D0002

Previews

White Background



This preview shows how the Hex color 0C2199 looks on a white background.

Color Contrast Check

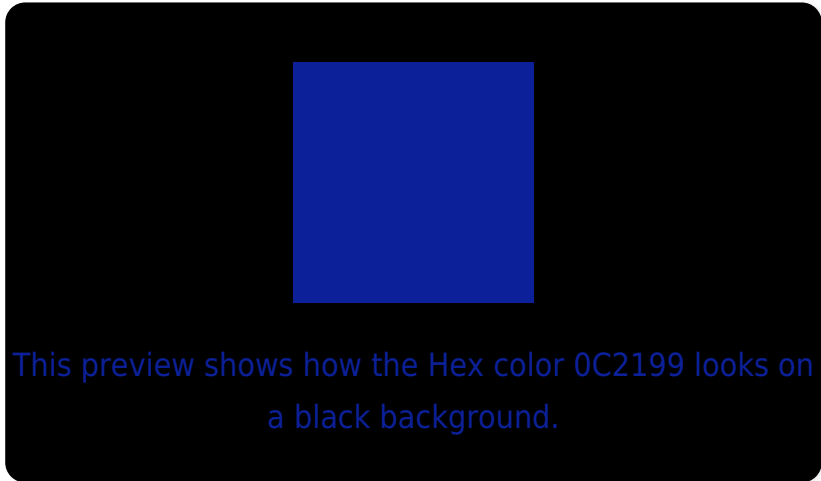
Large Text (above 18pt) WCAG AA ✓ Pass

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

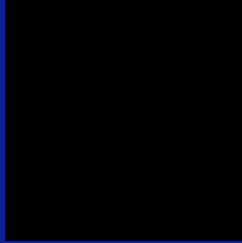
Any Text WCAG AA × Fail

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 0C2199 Background



This preview shows how black text looks on a background with the Hex color 0C2199.



This preview shows how white text looks on a background with the Hex color 0C2199.

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
0C2199

Protanopia
00336C

Deuteranopia
00375B



Tritanopia
003B3E

Trichromacy



Original Color
0C2199

Protanomaly
042C7C

Deuteranomaly
042F72

Tritanomaly
04325F

Monochromacy



Original Color
0C2199

Achromatopsia
282828

Achromatomaly
1E2551

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2199 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 #0C2199 looks like.

```
.text, #text, p{  
    color:#0C2199  
}
```

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 #0C2199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2199
}
```

Border

The CSS property to change the border of an element to Hex 0C2199 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
#0C2199 }
```

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

```
.border{ border-color:#0C2199 }
```

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

Here you see how a box with a 4 pixel #0C2199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2199; -webkit-box-shadow:4px 4px  
4px 4px #0C2199; box-shadow:4px 4px 4px  
4px #0C2199 }
```

Background

The CSS property to change the background color of an element to Hex 0C2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2199 }
```

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

```
.background{ background-color:#0C2199 }
```

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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