

Converting Colors

Hex(240099)

Have a look what the booklet for
Hex(240099) contains.

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Color

Hex(240099)

Conversions

Conversions Part 1

Format	Color
Hex	240099
RGB	36, 0, 153
RGB Percent	14%, 0%, 60%
CMY	0.8588, 1.0000, 0.4000
CMYK	0.76, 1.00, 0.00, 0.40
HSL	254°, 100%, 30%
HSV	254°, 100%, 60%
XYZ	6.4773, 2.6750, 30.3119
YIQ	28.2060, -27.6570, 55.2150

Conversions

Conversions Part 2

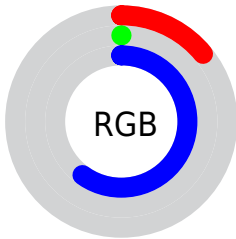
Format	Color
R_{YB}	36, 0, 153
Decimal	2359449
CIE _{Lab}	18.69, 54.70, -70.78
CIE _{LCh}	19, 89.449, 307.697
Yxy	2.6750, 0.1641, 0.0678
Android (android.graphics.Color)	4280549529 (0xFF240099)
YUV	28.2060, 61.5234, 6.8353
Hunter-Lab	16.3554, 42.0707, -98.4354

Details

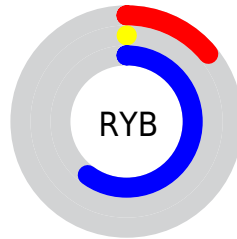
The Hex color **240099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **759900**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6839D1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **240099**, and if you desaturate by 10%, it is **300F99**.

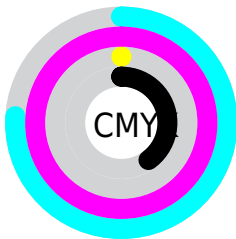
Distribution



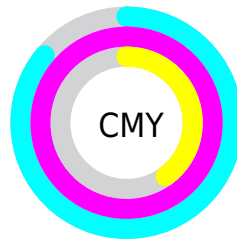
- Red (14%)
- Green (0%)
- Blue (60%)



- Red (14%)
- Yellow (0%)
- Blue (60%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 240099 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 240099 by changing the saturation by 10% instead.

 240099

 240099

 FFF7FF

 00007E

 6839D1

 000064

 8553EE

 00044B

 A36DFF

 000433

 C187FF

 00021D

 DFA2FF

 000000

 FDBEFF

 FFDAFF

 240099

 300F99

 3B1F99

 472E99

 533D99

 5F4D99

 6A5C99

 766B99

 827A99

 8D8A99

Harmonies

Analogous

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



0037B6



240099



7F0061

Triad

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



240099



5E0F00



00413E

Complementary

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



240099



759900

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.



003F00



240099



2A3100

Square

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



240099



820000



003B00



00437F

Rectangle

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



240099



900036



003B00



004027

Sweetspot

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



240099



998BC7



007599



484063



E3E3E3



636363

Same Dimension

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



240099



2F00C7



700099



47454D



21008C



03000D

Inverse Universe

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



990075



C70098



299900



4D454B



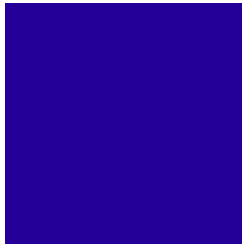
8C006B



0D000A

Previews

White Background



This preview shows how the Hex color 240099 looks on a white background.

Color Contrast Check

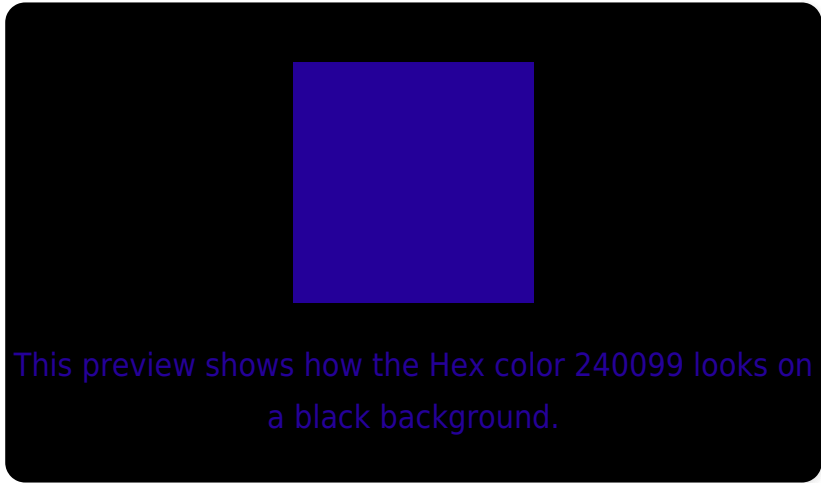
Large Text (above 18pt) WCAG AA ✓ Pass

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

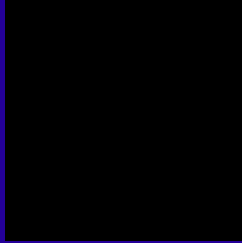
Any Text WCAG AA × Fail

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 240099 Background



This preview shows how black text looks on a background with the Hex color 240099.



This preview shows how white text looks on a background with the Hex color 240099.

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
240099

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
240099

Protanomaly
0D1E77

Deuteranomaly
0D206D

Tritanomaly
0D225C

Monochromacy



Original Color
240099

Achromatopsia
1C1C1C

Achromatomaly
1F1249

CSS Examples

Text

The CSS property to change the color of the text to Hex 240099 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 #240099 looks like.

```
.text, #text, p{  
    color:#240099  
}
```

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 #240099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #240099
}
```

Border

The CSS property to change the border of an element to Hex 240099 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
#240099 }
```

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

```
.border{ border-color:#240099 }
```

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

Here you see how a box with a 4 pixel #240099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #240099; -webkit-box-shadow:4px 4px  
4px 4px #240099; box-shadow:4px 4px 4px  
4px #240099 }
```

Background

The CSS property to change the background color of an element to Hex 240099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#240099 }
```

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

```
.background{ background-color:#240099 }
```

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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