

Converting Colors

Hex(3B0A9C)

Have a look what the booklet for
Hex(3B0A9C) contains.

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Color

Hex(3B0A9C)

Conversions

Conversions Part 1

Format	Color
Hex	3B0A9C
RGB	59, 10, 156
RGB Percent	23%, 4%, 61%
CMY	0.7686, 0.9608, 0.3882
CMYK	0.62, 0.94, 0.00, 0.39
HSL	260°, 88%, 33%
HSV	260°, 94%, 61%
XYZ	7.9129, 3.5472, 31.7201
YIQ	41.2950, -17.6620, 55.7940

Conversions

Conversions Part 2

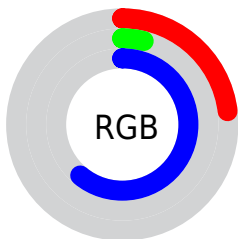
Format	Color
RYB	59, 10, 156
Decimal	3869340
CIELab	22.11, 54.04, -66.87
CIELCh	22, 85.975, 308.943
Yxy	3.5472, 0.1833, 0.0821
Android (android.graphics.Color)	4282059420 (0xFF3B0A9C)
YUV	41.2950, 56.5496, 15.5273
Hunter-Lab	18.8340, 42.0357, -86.6722

Details

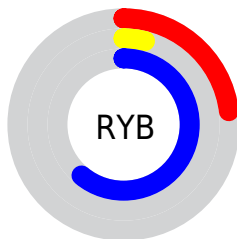
The Hex color **3B0A9C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6B9C0A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7842D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **34009C**, and if you desaturate by 10%, it is **451A9C**.

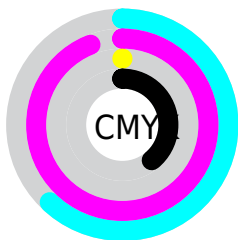
Distribution



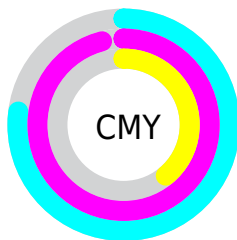
- Red (23%)
- Green (4%)
- Blue (61%)



- Red (23%)
- Yellow (4%)
- Blue (61%)



- Cyan (62%)
- Magenta (94%)
- Yellow (0%)
- Black (39%)



- Cyan (77%)
- Magenta (96%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B0A9C 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 3B0A9C by changing the saturation by 10% instead.

■ 3B0A9C

■ 3B0A9C

FFFFFF

■ 130081

■ 7842D4

■ 000067

■ 955BF1

■ 00004E

■ B276FF

■ 000536

■ D090FF

■ 000220

■ EDACFF

■ 000004

■ FFC7FF

■ 000000

■ FFE4FF

■ 3B0A9C

■ 3B0A9C

■ 34009C

■ 451A9C

■ 50299C

■ 5A399C

■ 64489C

■ 6F589C

■ 79689C

■ 84779C

■ 8E879C

■ 98969C

Harmonies

Analogous

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



003CB9



3B0A9C



880064

Triad

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



3B0A9C



641C00



004948

Complementary

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



3B0A9C



6B9C0A

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.



004700



3B0A9C



313900

Square

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



3B0A9C



890000



004300



004B86

Rectangle

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



3B0A9C



97003B



004300



004931

Sweetspot

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



3B0A9C



A693CC



0A6B9C



4F4366



E6E6E6



666666

Same Dimension

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



3B0A9C



4400CC



840A9C



4A474F



30008F



05000F

Inverse Universe

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



9C0A6B



CC0088



229C0A



4F474C



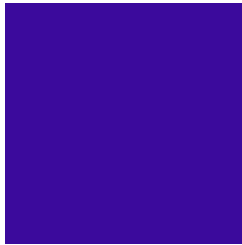
8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 3B0A9C looks on a white background.

Color Contrast Check

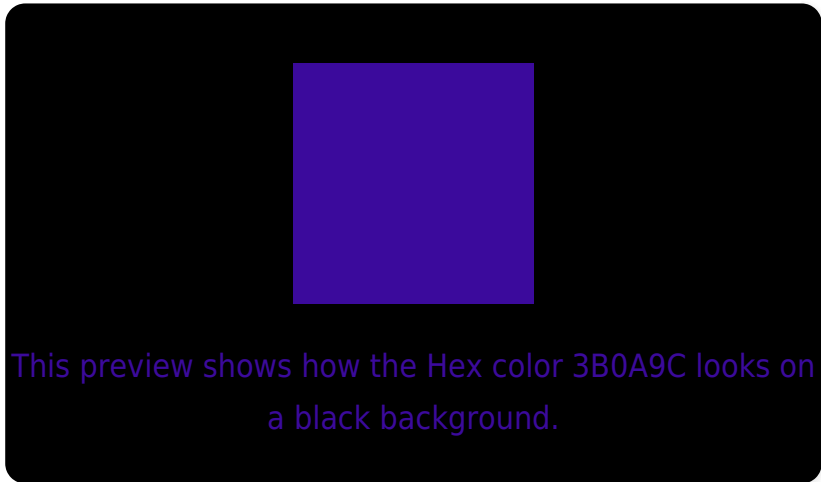
Large Text (above 18pt) WCAG AA ✓ Pass

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

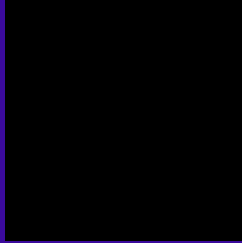
Any Text WCAG AA × Fail

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 3B0A9C Background



This preview shows how black text looks on a background with the Hex color 3B0A9C.



This preview shows how white text looks on a background with the Hex color 3B0A9C.

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
3B0A9C

Protanopia
00356F

Deuteranopia
00385E



Tritanopia
003D41

Trichromacy



Original Color
3B0A9C

Protanomaly
15257F

Deuteranomaly
152775

Tritanomaly
152A62

Monochromacy



Original Color
3B0A9C

Achromatopsia
292929

Achromatomaly
301E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B0A9C 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 #3B0A9C looks like.

```
.text, #text, p{  
    color:#3B0A9C  
}
```

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 #3B0A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0A9C
}
```

Border

The CSS property to change the border of an element to Hex 3B0A9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

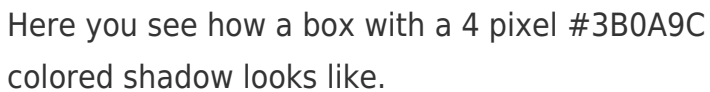
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0A9C }
```

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

```
.border{ border-color:#3B0A9C }
```

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



Here you see how a box with a 4 pixel #3B0A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0A9C; -webkit-box-shadow:4px 4px  
4px 4px #3B0A9C; box-shadow:4px 4px 4px  
4px #3B0A9C }
```

Background

The CSS property to change the background color of an element to Hex 3B0A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0A9C }
```

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

```
.background{ background-color:#3B0A9C }
```

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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