

Converting Colors

Hex(1A039C)

Have a look what the booklet for
Hex(1A039C) contains.

Hex(1A039C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A039C)

Conversions

Conversions Part 1

Format	Color
Hex	1A039C
RGB	26, 3, 156
RGB Percent	10%, 1%, 61%
CMY	0.8980, 0.9882, 0.3882
CMYK	0.83, 0.98, 0.00, 0.39
HSL	249°, 96%, 31%
HSV	249°, 98%, 61%
XYZ	6.4593, 2.6850, 31.6303
YIQ	27.3190, -35.4050, 52.4590

Conversions

Conversions Part 2

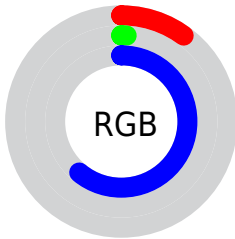
Format	Color
RYB	26, 3, 156
Decimal	1704860
CIELab	18.74, 54.32, -72.57
CIElCh	19, 90.647, 306.816
Yxy	2.6850, 0.1584, 0.0659
Android (android.graphics.Color)	4279894940 (0xFF1A039C)
YUV	27.3190, 63.4397, -1.1568
Hunter-Lab	16.3861, 41.6882, -102.9782

Details

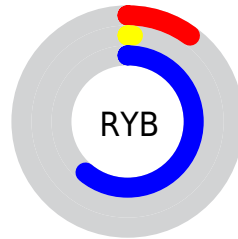
The Hex color **1A039C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **859C03**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **633BD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **17009C**, and if you desaturate by 10%, it is **27139C**.

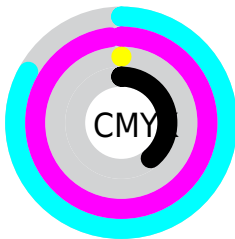
Distribution



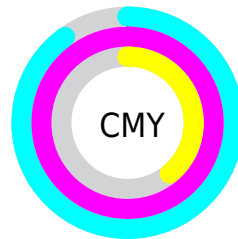
- Red (10%)
- Green (1%)
- Blue (61%)



- Red (10%)
- Yellow (1%)
- Blue (61%)



- Cyan (83%)
- Magenta (98%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (99%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A039C 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 1A039C by changing the saturation by 10% instead.

 1A039C

 1A039C

 FFF8FF

 000081

 633BD4

 000067

 8254F1

 00054E

 9F6EFF

 000536

 BD88FF

 000220

 DCA3FF

 000003

 FABFFF

 000000

 FFDBFF

 1A039C

 1A039C

■ 17009C

■ 27139C

■ 35229C

■ 42329C

■ 4F419C

■ 5C519C

■ 6A619C

■ 77709C

■ 84809C

■ 918F9C

Harmonies

Analogous

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



0038B8



1A039C



7F0063

Triad

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



1A039C



600B00



00413C

Complementary

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



1A039C



859C03

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



1A039C



2C3100

Square

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



1A039C



840000



003B00



00437E

Rectangle

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



1A039C



910038



003B00



004025

Sweetspot

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



1A039C



9A91CC



03859C



484266



E6E6E6



666666

Same Dimension

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



1A039C



1F00CC



66039C



48474F



15008F



02000F

Inverse Universe

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



9C0385



CC00AD



399C03



4F474E



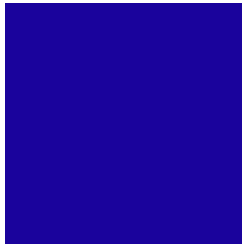
8F0079



0F000D

Previews

White Background



This preview shows how the Hex color 1A039C looks on a white background.

Color Contrast Check

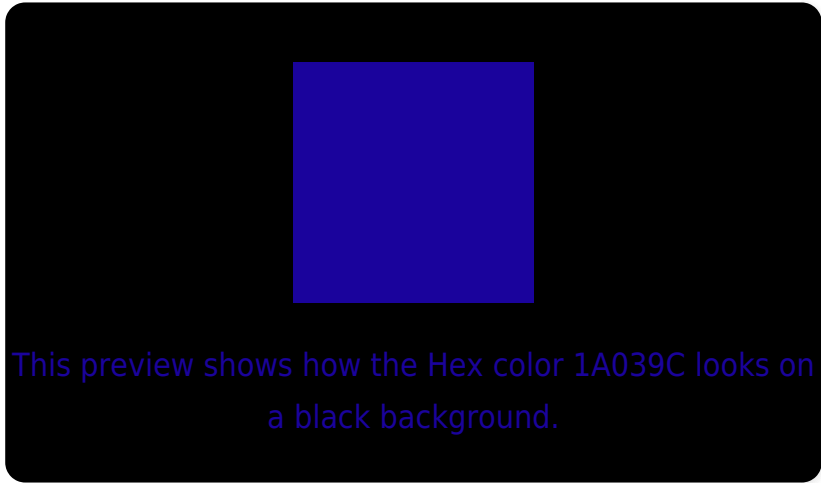
Large Text (above 18pt) WCAG AA ✓ Pass

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

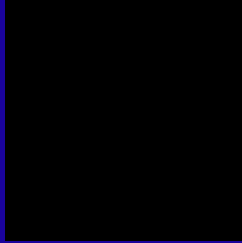
Any Text WCAG AA × Fail

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 1A039C Background



This preview shows how black text looks on a background with the Hex color 1A039C.



This preview shows how white text looks on a background with the Hex color 1A039C.

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
1A039C

Protanopia
002F62

Deuteranopia
003253

Trichromacy



Original Color
1A039C

Protanomaly
091F77

Deuteranomaly
09216E

Tritanomaly
09235C

Monochromacy



Original Color
1A039C

Achromatopsia
1B1B1B

Achromatomaly
1B124A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A039C 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 #1A039C looks like.

```
.text, #text, p{  
    color:#1A039C  
}
```

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 #1A039C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A039C
}
```

Border

The CSS property to change the border of an element to Hex 1A039C is called "border". The border property can be set on classes, ids or directly on the HTML element.

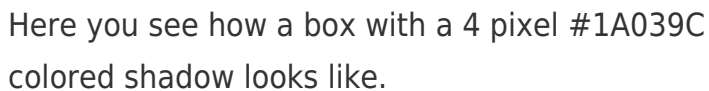
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A039C }
```

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

```
.border{ border-color:#1A039C }
```

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



Here you see how a box with a 4 pixel #1A039C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A039C; -webkit-box-shadow:4px 4px  
4px 4px #1A039C; box-shadow:4px 4px 4px  
4px #1A039C }
```

Background

The CSS property to change the background color of an element to Hex 1A039C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A039C }
```

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

```
.background{ background-color:#1A039C }
```

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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