

Converting Colors

Hex(1A009D)

Have a look what the booklet for
Hex(1A009D) contains.

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Color

Hex(1A009D)

Conversions

Conversions Part 1

Format	Color
Hex	1A009D
RGB	26, 0, 157
RGB Percent	10%, 0%, 62%
CMY	0.8980, 1.0000, 0.3843
CMYK	0.83, 1.00, 0.00, 0.38
HSL	250°, 100%, 31%
HSV	250°, 100%, 62%
XYZ	6.5118, 2.6539, 32.0673
YIQ	25.6720, -34.9010, 54.3390

Conversions

Conversions Part 2

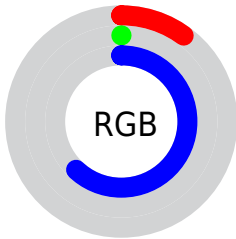
Format	Color
RYB	26, 0, 157
Decimal	1704093
CIELab	18.60, 55.45, -73.41
CIELCh	19, 91.998, 307.067
Yxy	2.6539, 0.1579, 0.0644
Android (android.graphics.Color)	4279894173 (0xFF1A009D)
YUV	25.6720, 64.7447, 0.2877
Hunter-Lab	16.2909, 42.8410, -105.3040

Details

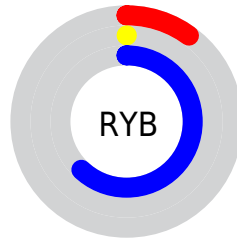
The Hex color **1A009D** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **839D00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6439D5**, and **000068** is the 20% darker color. If you saturate the color by 10%, you get **1A009D**, and if you desaturate by 10%, it is **27109D**.

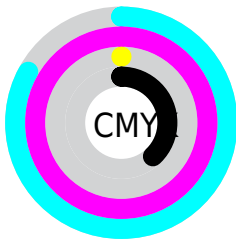
Distribution



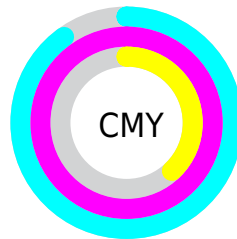
- Red (10%)
- Green (0%)
- Blue (62%)



- Red (10%)
- Yellow (0%)
- Blue (62%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (90%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A009D 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 1A009D by changing the saturation by 10% instead.

 1A009D

 1A009D

 FFF7FF

 000082

 6439D5

 000068

 8252F2

 00054F

 A06CFF

 000537

 BE87FF

 000220

 DCA2FF

 000005

 FBBDFE

 000000

 FFDAFF

 1A009D

 27109D

 341F9D

 412F9D

 4E3F9D

 5C4F9D

 695E9D

 766E9D

 837E9D

 908D9D

Harmonies

Analogous

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



0037BA



1A009D



800063

Triad

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



1A009D



5F0A00



00403D

Complementary

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



1A009D



839D00

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



1A009D



2B3100

Square

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



1A009D



840000



003B00



004380

Rectangle

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



1A009D



920038



003B00



004025

Sweetspot

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



1A009D



998FCC



00859D



474166



E6E6E6



666666

Same Dimension

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



1A009D



2200CC



66009D



48474F



18008F



03000F

Inverse Universe

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



9D0083



CC00AA



379D00



4F474E



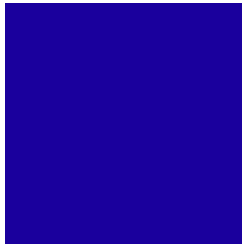
8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 1A009D looks on a white background.

Color Contrast Check

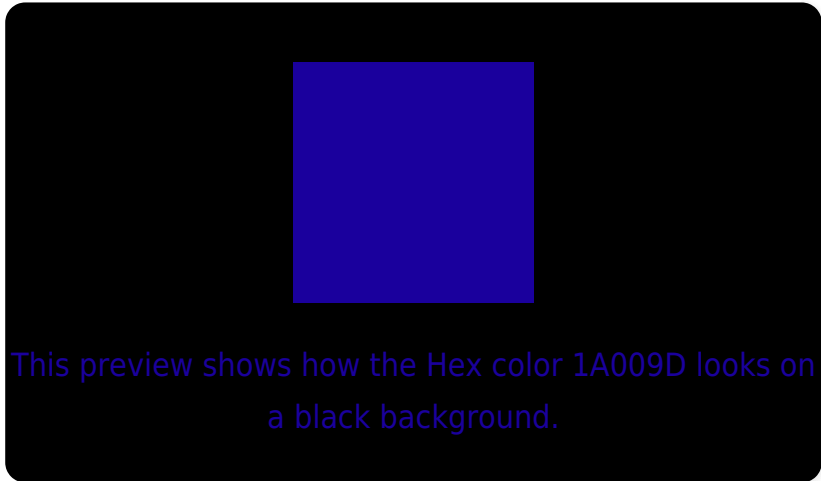
Large Text (above 18pt) WCAG AA ✓ Pass

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

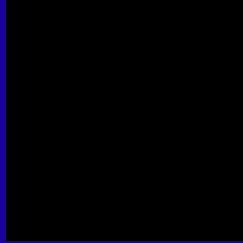
Any Text WCAG AA × Fail

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 1A009D Background



This preview shows how black text looks on a background with the Hex color 1A009D.



This preview shows how white text looks on a background with the Hex color 1A009D.

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
1A009D

Protanopia
002F63

Deuteranopia
003254



Tritanopia
003639

Trichromacy



Original Color
1A009D

Protanomaly
091E78

Deuteranomaly
09206F

Tritanomaly
09225D

Monochromacy



Original Color
1A009D

Achromatopsia
1A1A1A

Achromatomaly
1A114A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A009D 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 #1A009D looks like.

```
.text, #text, p{  
    color:#1A009D  
}
```

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 #1A009D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A009D
}
```

Border

The CSS property to change the border of an element to Hex 1A009D 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
#1A009D }
```

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

```
.border{ border-color:#1A009D }
```

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

Here you see how a box with a 4 pixel #1A009D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A009D; -webkit-box-shadow:4px 4px  
4px 4px #1A009D; box-shadow:4px 4px 4px  
4px #1A009D }
```

Background

The CSS property to change the background color of an element to Hex 1A009D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A009D }
```

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

```
.background{ background-color:#1A009D }
```

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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