

# Converting Colors

Hex(1A0096)

Have a look what the booklet for  
Hex(1A0096) contains.

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# Color

**Hex(1A0096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A0096
RGB	26, 0, 150
RGB Percent	10%, 0%, 59%
CMY	0.8980, 1.0000, 0.4118
CMYK	0.83, 1.00, 0.00, 0.41
HSL	250°, 100%, 29%
HSV	250°, 100%, 59%
XYZ	5.9310, 2.4216, 29.0090
YIQ	24.8740, -32.6540, 52.1620

# Conversions

## Conversions Part 2

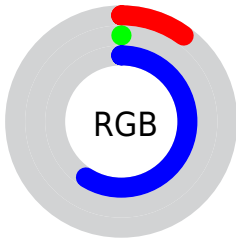
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 0, 150
Decimal	1704086
CIELab	17.56, 53.66, -70.83
CIELCh	18, 88.863, 307.149
Yxy	2.4216, 0.1587, 0.0648
Android (android.graphics.Color)	4279894166 (0xFF1A0096)
YUV	24.8740, 61.6871, 0.9875
Hunter-Lab	15.5616, 40.7995, -99.6320

# Details

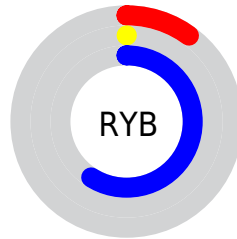
The Hex color **1A0096** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **7C9600**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **6238CE**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **1A0096**, and if you desaturate by 10%, it is **260F96**.

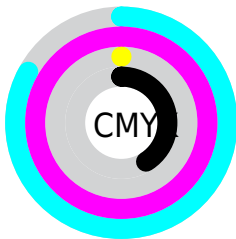
# Distribution



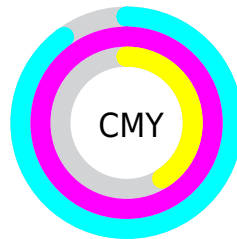
- Red (10%)
- Green (0%)
- Blue (59%)



- Red (10%)
- Yellow (0%)
- Blue (59%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A0096 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 1A0096 by changing the saturation by 10% instead.



 1A0096

 1A0096

 FFF5FF

 00007B

 6238CE

 000062

 8051EA

 000848

 9D6BFF

 000431

 BB85FF

 00011B

 D9A0FF

 000000

 F8BCFF

 FFD8FF

 1A0096

■ 260F96

■ 331E96

■ 3F2D96

■ 4C3C96

■ 584B96

■ 645A96

■ 716996

■ 7D7896

■ 8A8796

# Harmonies

## Analogous

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



0035B2



1A0096



7A005F

# Triad

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



1A0096



5B0A00



003D3A

# Complementary

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



1A0096



7C9600

# 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.



003C00



1A0096



282E00

# Square

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



1A0096



7E0000



003800



00417A

# Rectangle

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



1A0096



8B0035



003800



003D23



# Sweetspot

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



1A0096



9288C2



007D96



443E61



E0E0E0



616161



# Same Dimension

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



1A0096



2200C2



640096



44434A



18008A



02000A



# Inverse Universe

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



96007C



C200A0



329600



4A4349



8A0072

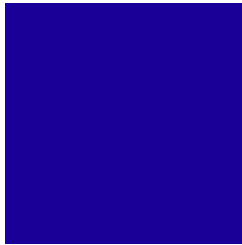


0A0008



# Previews

## White Background



This preview shows how the Hex color 1A0096 looks on a white background.

## Color Contrast Check

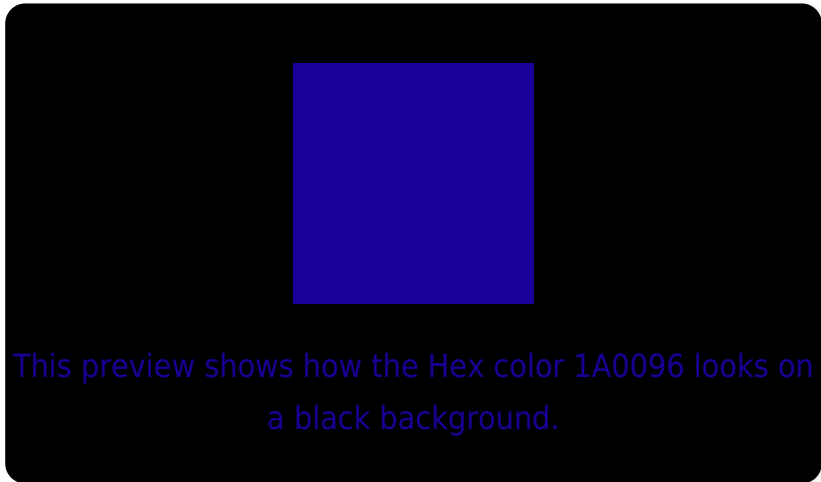
Large Text (above 18pt) WCAG AA ✓ Pass

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

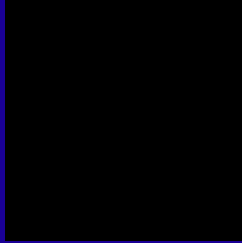
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A0096 Background



This preview shows how black text looks on a background with the Hex color 1A0096.



This preview shows how white text looks on a background with the Hex color 1A0096.

# 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**


1A0096

**Protanopia**

002D5F

**Deuteranopia**

003050



**Tritanopia**  
003436

# Trichromacy



**Original Color**  
1A0096

**Protanomaly**  
091D73

**Deuteranomaly**  
091F69

**Tritanomaly**  
092159

# Monochromacy



**Original Color**  
1A0096

**Achromatopsia**  
191919

**Achromatomaly**  
191046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A0096 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 #1A0096 looks like.

```
.text, #text, p{  
    color:#1A0096  
}
```

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 #1A0096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A0096
}
```

## Border

The CSS property to change the border of an element to Hex 1A0096 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".

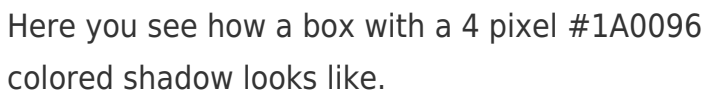
```
.border, #border, table{ border:4px solid
#1A0096 }
```

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

```
.border{ border-color:#1A0096 }
```

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

Here you see how a box with a 4 pixel #1A0096 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A0096; -webkit-box-shadow:4px 4px  
4px 4px #1A0096; box-shadow:4px 4px 4px  
4px #1A0096 }
```

# Background

The CSS property to change the background color of an element to Hex 1A0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A0096 }
```

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

```
.background{ background-color:#1A0096 }
```

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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