

# Converting Colors

Hex(00029E)

Have a look what the booklet for  
Hex(00029E) contains.

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# Color

**Hex(00029E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00029E
RGB	0, 2, 158
RGB Percent	0%, 1%, 62%
CMY	1.0000, 0.9922, 0.3804
CMYK	1.00, 0.99, 0.00, 0.38
HSL	239°, 100%, 31%
HSV	239°, 100%, 62%
XYZ	6.1933, 2.5120, 32.5062
YIQ	19.1860, -51.2680, 48.0920

# Conversions

## Conversions Part 2

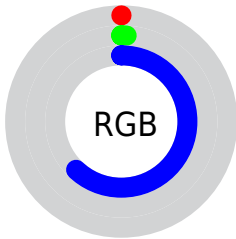
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 2, 158</a>
Decimal	<a href="#">670</a>
CIELab	<a href="#">17.97, 54.77, -75.10</a>
CIELCh	<a href="#">18, 92.944, 306.103</a>
Yxy	<a href="#">2.5120, 0.1503, 0.0610</a>
Android (android.graphics.Color)	<a href="#">4278190750 (0xFF00029E)</a>
YUV	<a href="#">19.1860, 68.4353, -16.8261</a>
Hunter-Lab	<a href="#">15.8494, 42.0136, -110.5057</a>

# Details

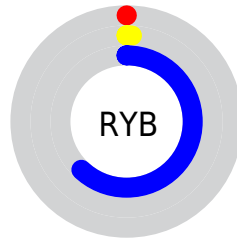
The Hex color **00029E** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9E9C00**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5C39D6**, and **000069** is the 20% darker color. If you saturate the color by 10%, you get **00029E**, and if you desaturate by 10%, it is **10129E**.

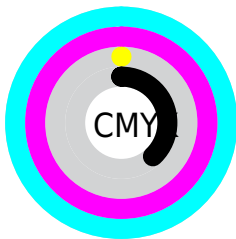
# Distribution



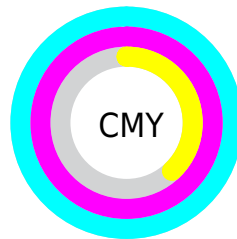
- Red (0%)
- Green (1%)
- Blue (62%)



- Red (0%)
- Yellow (1%)
- Blue (62%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (99%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00029E 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 00029E by changing the saturation by 10% instead.



 00029E

 00029E

 FFF6FF

 000083

 5C39D6

 000069

 7B52F3

 000850

 9A6CFF

 000538

 B886FF

 000221

 D6A1FF

 000006

 F5BDFF

 000000

 FFD9FF

 00029E

■ 10129E

■ 20219E

■ 2F319E

■ 3F409E

■ 4F509E

■ 5F609E

■ 6F6F9E

■ 7E7F9E

■ 8E8E9E

# Harmonies

## Analogous

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



0037BA



00029E



7D0064

# Triad

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



00029E



5F0400



003E39

# Complementary

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



00029E



9E9C00

# 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.



003D00



00029E



2B2F00

# Square

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



00029E



840000



003A00



00427D

# Rectangle

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



00029E



900038



003A00



003E21



# Sweetspot

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



00029E



9191CF



009E9B



434369



E8E8E8



696969



# Same Dimension

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



00029E



0003CF



4C009E



47474F



00028F



00000F



# Inverse Universe

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



9E0002



CF0003



529E00



4F4747



8F0002

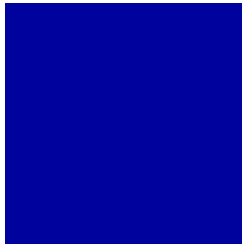


0F0000



# Previews

## White Background



This preview shows how the Hex color 00029E looks on a white background.

## Color Contrast Check

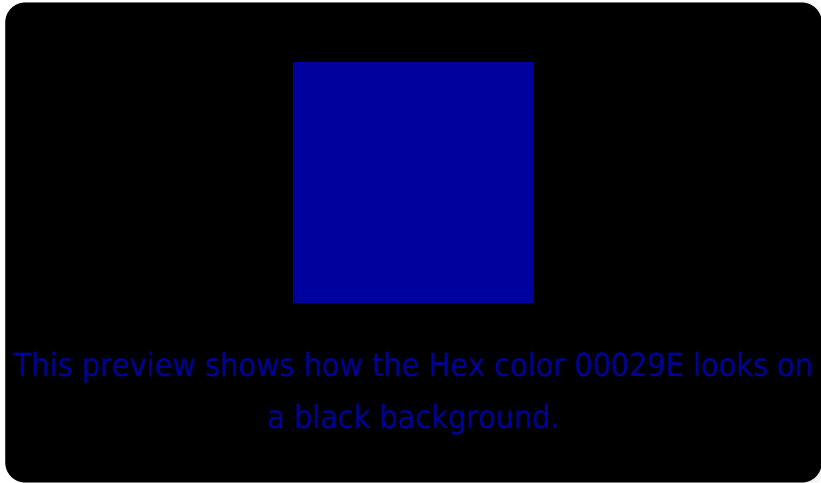
Large Text (above 18pt) WCAG AA ✓ Pass

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

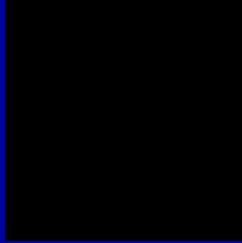
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00029E Background



This preview shows how black text looks on a background with the Hex color 00029E.



This preview shows how white text looks on a background with the Hex color 00029E.

# 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**  
00029E

**Protanopia**  
002E61

**Deuteranopia**  
003152



# Trichromacy



**Original Color**  
00029E

**Protanomaly**  
001E77

**Deuteranomaly**  
00206E

**Tritanomaly**  
00225C

# Monochromacy



**Original Color**  
00029E

**Achromatopsia**  
131313

**Achromatomaly**  
0C0D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00029E 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 #00029E looks like.

```
.text, #text, p{  
    color:#00029E  
}
```

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 #00029E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00029E
}
```

## Border

The CSS property to change the border of an element to Hex 00029E is called "border". The border property can be set on classes, ids or directly on the HTML element.

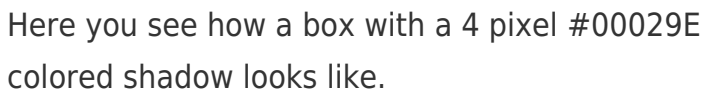
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00029E }
```

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

```
.border{ border-color:#00029E }
```

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



Here you see how a box with a 4 pixel #00029E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00029E; -webkit-box-shadow:4px 4px  
4px 4px #00029E; box-shadow:4px 4px 4px  
4px #00029E }
```

# Background

The CSS property to change the background color of an element to Hex 00029E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00029E }
```

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

```
.background{ background-color:#00029E }
```

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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