

# Converting Colors

Hex(96029E)

Have a look what the booklet for  
Hex(96029E) contains.

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**Color**

**Hex(96029E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96029E
RGB	150, 2, 158
RGB Percent	59%, 1%, 62%
CMY	0.4118, 0.9922, 0.3804
CMYK	0.05, 0.99, 0.00, 0.38
HSL	297°, 98%, 31%
HSV	297°, 99%, 62%
XYZ	18.7709, 8.9961, 33.0948
YIQ	64.0360, 38.1320, 79.8920

# Conversions

## Conversions Part 2

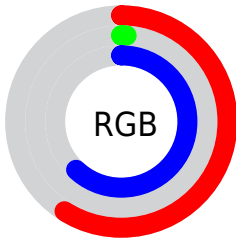
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 2, 158
Decimal	9831070
CIELab	35.98, 67.14, -44.86
CIELCh	36, 80.743, 326.252
Yxy	8.9961, 0.3084, 0.1478
Android (android.graphics.Color)	4288021150 (0xFF96029E)
YUV	64.0360, 46.3243, 75.3904
Hunter-Lab	29.9934, 59.2230, -44.4253

# Details

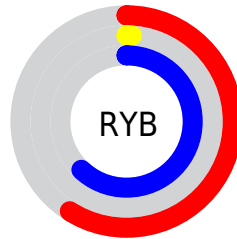
The Hex color **96029E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0A9E02**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D050D5**, and **5E006A** is the 20% darker color. If you saturate the color by 10%, you get **96009E**, and if you desaturate by 10%, it is **97129E**.

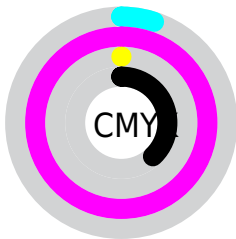
# Distribution



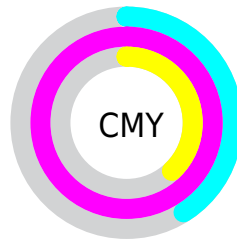
- Red (59%)
- Green (1%)
- Blue (62%)



- Red (59%)
- Yellow (1%)
- Blue (62%)



- Cyan (5%)
- Magenta (99%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (99%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96029E 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 96029E by changing the saturation by 10% instead.



 96029E

 96029E

FFFFFF

 7A0083

 D050D5

 5E006A

 EE6CF2

 430051


 FF89FF

 290039

 FFA5FF

 000022

 FFC2FF

 000008

 FFDFFF

 000000

 FFFDFF

 96029E

 96029E

■ 96009E

■ 97129E

■ 98229E

■ 98319E

■ 99419E

■ 9A519E

■ 9B619E

■ 9C719E

■ 9C809E

■ 9D909E

# Harmonies

## Analogous

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



0F47CC



96029E



BC0060

# Triad

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



96029E



6F5000



006D8D

# Complementary

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



96029E



0A9E02

# 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.



006C4A



96029E



2D6100

# Square

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



96029E



9E2C00



006900



006BC2

# Rectangle

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



96029E



BE0036



006900



006D78



# Sweetspot

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



96029E



CB91CF



020C9E



674369



E8E8E8



696969



# Same Dimension

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



96029E



C400CF



9E025A



4F474F



87008F



0F000F



# Inverse Universe

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



9E020A



CF000B



029E46



4F4748



8F0007



0F0001



# Previews

## White Background



This preview shows how the Hex color 96029E looks on a white background.

## Color Contrast Check

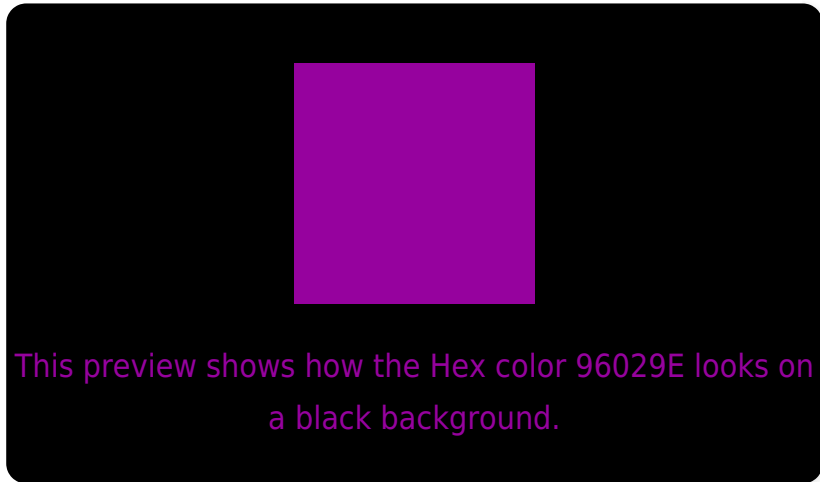
Large Text (above 18pt) WCAG AA ✓ Pass

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

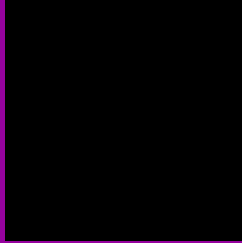
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96029E Background



This preview shows how black text looks on a background with the Hex color 96029E.



This preview shows how white text looks on a background with the Hex color 96029E.

# 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





**Tritanopia**  
8B3E42

# Trichromacy



**Original Color**  
96029E



**Protanomaly**  
3736AB



**Deuteranomaly**  
513998



**Tritanomaly**  
8F2863

# Monochromacy



**Original Color**  
96029E



**Achromatopsia**  
404040



**Achromatomaly**  
5F2962

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96029E 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 #96029E looks like.

```
.text, #text, p{  
    color:#96029E  
}
```

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 #96029E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96029E
}
```

## Border

The CSS property to change the border of an element to Hex 96029E is called "border". The border property can be set on classes, ids or directly on the HTML element.

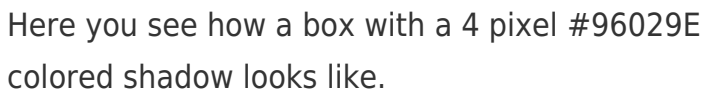
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96029E }
```

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

```
.border{ border-color:#96029E }
```

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



Here you see how a box with a 4 pixel #96029E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96029E; -webkit-box-shadow:4px 4px  
4px 4px #96029E; box-shadow:4px 4px 4px  
4px #96029E }
```

# Background

The CSS property to change the background color of an element to Hex 96029E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96029E }
```

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

```
.background{ background-color:#96029E }
```

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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