

Converting Colors

Hex(96009E)

Have a look what the booklet for
Hex(96009E) contains.

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Color

Hex(96009E)

Conversions

Conversions Part 1

Format	Color
Hex	96009E
RGB	150, 0, 158
RGB Percent	59%, 0%, 62%
CMY	0.4118, 1.0000, 0.3804
CMYK	0.05, 1.00, 0.00, 0.38
HSL	297°, 100%, 31%
HSV	297°, 100%, 62%
XYZ	18.7492, 8.9527, 33.0876
YIQ	62.8620, 38.6820, 80.9380

Conversions

Conversions Part 2

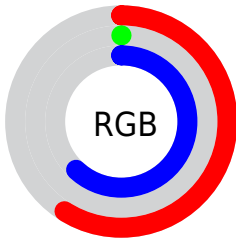
Format	Color
RYB	150, 0, 158
Decimal	9830558
CIELab	35.89, 67.39, -44.99
CIELCh	36, 81.024, 326.270
Yxy	8.9527, 0.3084, 0.1473
Android (android.graphics.Color)	4288020638 (0xFF96009E)
YUV	62.8620, 46.9030, 76.4200
Hunter-Lab	29.9210, 59.4908, -44.6201

Details

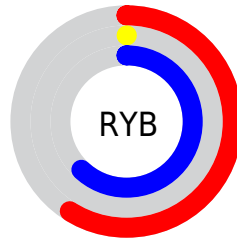
The Hex color **96009E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **089E00**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D04FD5**, 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 **97109E**.

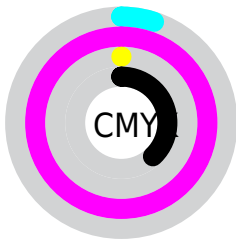
Distribution



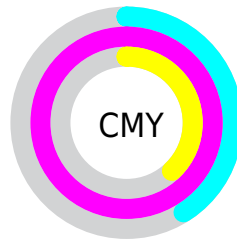
- Red (59%)
- Green (0%)
- Blue (62%)



- Red (59%)
- Yellow (0%)
- Blue (62%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96009E 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 96009E by changing the saturation by 10% instead.

 96009E

 96009E

FFFFFF

 7A0083

 D04FD5

 5E006A

 EE6CF2

 430051

 FF88FF

 290039

 FFA5FF

 000022

 FFC1FF

 000008

 FFDFFF

 000000

 FFFCFF

 96009E

 97109E

 98209E

 982F9E

 993F9E

 9A4F9E

 9B5F9E

 9C6F9E

 9C7E9E

 9D8E9E

Harmonies

Analogous

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



0D47CC



96009E



BC0060

Triad

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



96009E



6F5000



006D8D

Complementary

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



96009E



089E00

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



96009E



2C6100

Square

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



96009E



9E2C00



006900



006BC2

Rectangle

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



96009E



BE0035



006900



006D77

Sweetspot

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



96009E



CB91CF



000B9E



674369



E8E8E8



696969

Same Dimension

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



96009E



C400CF



9E005A



4F474F



88008F



0F000F

Inverse Universe

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



9E0008



CF000A



009E44



4F4748



8F0007



0F0001

Previews

White Background



This preview shows how the Hex color 96009E looks on a white background.

Color Contrast Check

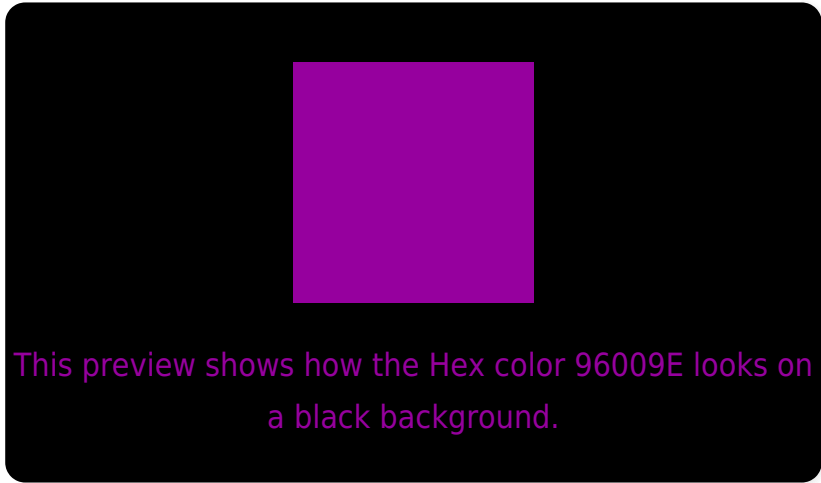
Large Text (above 18pt) WCAG AA ✓ Pass

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 96009E Background



This preview shows how black text looks on a background with the Hex color 96009E.




This preview shows how white text looks on a background with the Hex color 96009E.

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
96009E



Protanomaly
3735AB



Deuteranomaly
513898



Tritanomaly
8F2763

Monochromacy



Original Color
96009E



Achromatopsia
3F3F3F



Achromatomaly
5F2862

CSS Examples

Text

The CSS property to change the color of the text to Hex 96009E 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 #96009E looks like.

```
.text, #text, p{  
    color:#96009E  
}
```

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 #96009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96009E
}
```

Border

The CSS property to change the border of an element to Hex 96009E is called "border". The border property can be set on classes, ids or directly on the HTML element.

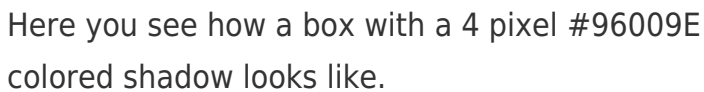
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96009E }
```

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

```
.border{ border-color:#96009E }
```

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



Here you see how a box with a 4 pixel #96009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96009E; -webkit-box-shadow:4px 4px  
4px 4px #96009E; box-shadow:4px 4px 4px  
4px #96009E }
```

Background

The CSS property to change the background color of an element to Hex 96009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96009E }
```

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

```
.background{ background-color:#96009E }
```

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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