

# Converting Colors

Hex(91009E)

Have a look what the booklet for  
Hex(91009E) contains.

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**Color**

**Hex(91009E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91009E
RGB	145, 0, 158
RGB Percent	57%, 0%, 62%
CMY	0.4314, 1.0000, 0.3804
CMYK	0.08, 1.00, 0.00, 0.38
HSL	295°, 100%, 31%
HSV	295°, 100%, 62%
XYZ	17.8486, 8.4884, 33.0454
YIQ	61.3670, 35.7020, 79.8780

# Conversions

## Conversions Part 2

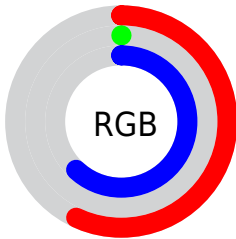
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 0, 158
Decimal	9502878
CIELab	34.98, 66.58, -46.51
CIELCh	35, 81.218, 325.066
Yxy	8.4884, 0.3006, 0.1429
Android (android.graphics.Color)	4287692958 (0xFF91009E)
YUV	61.3670, 47.6401, 73.3461
Hunter-Lab	29.1348, 58.3671, -46.8539

# Details

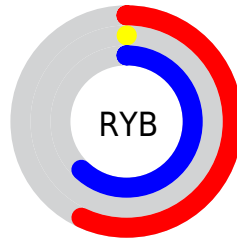
The Hex color **91009E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0D9E00**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **CB4ED5**, and **59006A** is the 20% darker color. If you saturate the color by 10%, you get **91009E**, and if you desaturate by 10%, it is **92109E**.

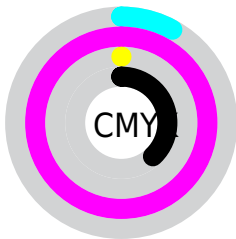
# Distribution



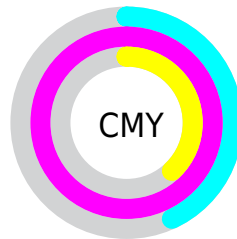
- Red (57%)
- Green (0%)
- Blue (62%)



- Red (57%)
- Yellow (0%)
- Blue (62%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (100%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91009E 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 91009E by changing the saturation by 10% instead.



 91009E

 91009E

FFFFFF

 750083

 CB4ED5

 59006A

 E86BF2

 3E0051

 FF87FF

 240039

 FFA3FF

 000122


 FFC0FF

 000008

 FFDDFF

 000000

 FFFBFF

 91009E

 92109E

 94209E

 952F9E

 963F9E

 984F9E

 995F9E

 9A6F9E

 9B7E9E

 9D8E9E

# Harmonies

## Analogous

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



0046CB



91009E



B80060

# Triad

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



91009E



6E4D00



006B88

# Complementary

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



91009E



0D9E00

# 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.



006945



91009E



2D5E00

# Square

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



91009E



9C2700



006600



0069BE

# Rectangle

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



91009E



BC0036



006600



006B73



# Sweetspot

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



91009E



C991CF



000D9E



654369



E8E8E8



696969



# Same Dimension

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



91009E



BE00CF



9E005C



4E474F



83008F



0E000F



# Inverse Universe

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



9E000D



CF0011



009E42



4F4748



8F000C



0F0001



# Previews

## White Background



This preview shows how the Hex color 91009E looks on a white background.

## Color Contrast Check

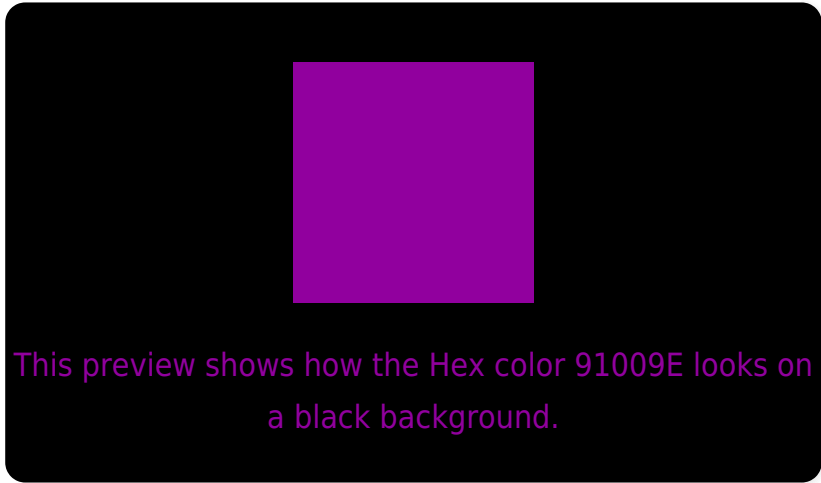
Large Text (above 18pt) WCAG AA ✓ Pass

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

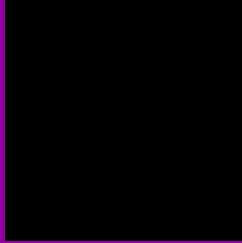
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91009E Background



This preview shows how black text looks on a background with the Hex color 91009E.

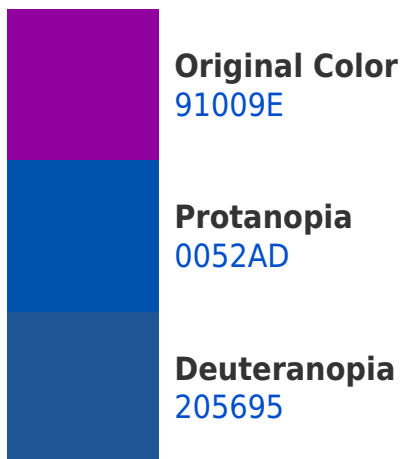



This preview shows how white text looks on a background with the Hex color 91009E.

# 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**  
863E42

# Trichromacy



**Original Color**  
91009E



**Protanomaly**  
3534A8



**Deuteranomaly**  
493798



**Tritanomaly**  
8A2763

# Monochromacy



**Original Color**  
91009E



**Achromatopsia**  
3D3D3D



**Achromatomaly**  
5C2760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91009E 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 #91009E looks like.

```
.text, #text, p{  
    color:#91009E  
}
```

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 #91009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91009E
}
```

## Border

The CSS property to change the border of an element to Hex 91009E 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
#91009E }
```

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

```
.border{ border-color:#91009E }
```

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

Here you see how a box with a 4 pixel #91009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91009E; -webkit-box-shadow:4px 4px  
4px 4px #91009E; box-shadow:4px 4px 4px  
4px #91009E }
```

# Background

The CSS property to change the background color of an element to Hex 91009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91009E }
```

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

```
.background{ background-color:#91009E }
```

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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