

Converting Colors

Hex(90239D)

Have a look what the booklet for
Hex(90239D) contains.

Hex(90239D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(90239D)

Conversions

Conversions Part 1

Format	Color
Hex	90239D
RGB	144, 35, 157
RGB Percent	56%, 14%, 62%
CMY	0.4353, 0.8627, 0.3843
CMYK	0.08, 0.78, 0.00, 0.38
HSL	294°, 64%, 38%
HSV	294°, 78%, 62%
XYZ	18.1884, 9.5657, 32.7860
YIQ	81.4990, 25.8020, 61.0500

Conversions

Conversions Part 2

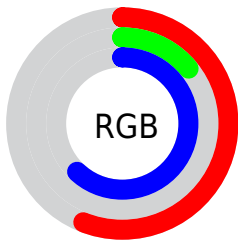
Format	Color
RYB	144, 35, 157
Decimal	9446301
CIELab	37.05, 59.46, -42.58
CIELCh	37, 73.137, 324.391
Yxy	9.5657, 0.3004, 0.1580
Android (android.graphics.Color)	4287636381 (0xFF90239D)
YUV	81.4990, 37.2220, 54.8134
Hunter-Lab	30.9284, 50.8478, -41.2011

Details

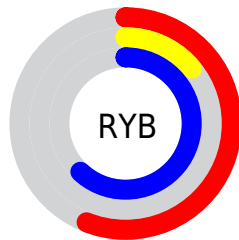
The Hex color **90239D** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **309D23**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C95DD4**, and **590069** is the 20% darker color. If you saturate the color by 10%, you get **8E139D**, and if you desaturate by 10%, it is **92339D**.

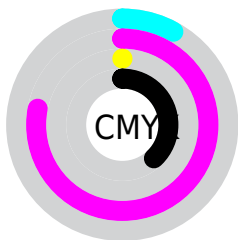
Distribution



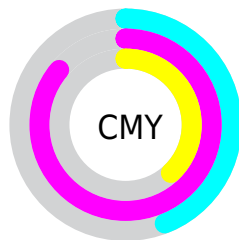
- Red (56%)
- Green (14%)
- Blue (62%)



- Red (56%)
- Yellow (14%)
- Blue (62%)



- Cyan (8%)
- Magenta (78%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (86%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90239D 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 90239D by changing the saturation by 10% instead.

90239D

90239D

FFFFFF

740083

C95DD4

590069

E678F1

3E0050

FF94FF

260039

FFB0FF

000022

FFCDDF

000007

FFEAFF

000000

90239D

90239D

8E139D

92339D

8D049D

93429D

8C009D

95529D

97629D

98729D

9A819D

9C919D

9DA19D

9FB09D

Harmonies

Analogous

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



1D4DC5



90239D



B50065

Triad

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



90239D



745100



006F87

Complementary

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



90239D



309D23

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.



006E4A



90239D



3C6200

Square

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



90239D



9E3300



006A00



006CB8

Rectangle

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



90239D



BA003E



006A00



006F73

Sweetspot

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



90239D



C79DCC



23319D



634966



E6E6E6



666666

Same Dimension

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



90239D



B80ECC



9D236E



4E474F



80008F



0E000F

Inverse Universe

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



9D2330



CC0E22



239D52



4F4748



8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 90239D 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

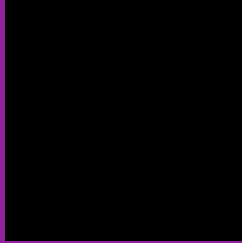
Any Text WCAG AA × Fail

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 90239D Background



This preview shows how black text looks on a background with the Hex color 90239D.

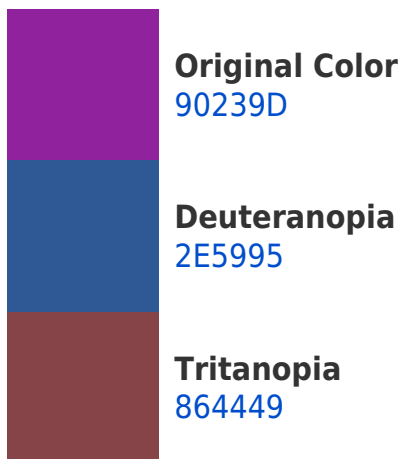


This preview shows how white text looks on a background with the Hex color 90239D.

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



Trichromacy



Original Color
90239D

Deuteranomaly
524598

Tritanomaly
8A3868

Monochromacy



Original Color
90239D

Achromatopsia
515151

Achromatomaly
68406D

CSS Examples

Text

The CSS property to change the color of the text to Hex 90239D 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 #90239D looks like.

```
.text, #text, p{  
    color:#90239D  
}
```

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 #90239D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90239D  
}
```

Border

The CSS property to change the border of an element to Hex 90239D is called "border". The border property can be set on classes, ids or directly on the HTML element.

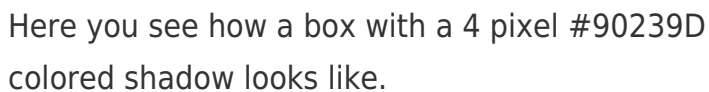
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#90239D }
```

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

```
.border{ border-color:#90239D }
```

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



Here you see how a box with a 4 pixel #90239D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90239D; -webkit-box-shadow:4px 4px  
4px 4px #90239D; box-shadow:4px 4px 4px  
4px #90239D }
```

Background

The CSS property to change the background color of an element to Hex 90239D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90239D }
```

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

```
.background{ background-color:#90239D }
```

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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