

Converting Colors

Hex(59039A)

Have a look what the booklet for
Hex(59039A) contains.

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Color

Hex(59039A)

Conversions

Conversions Part 1

Format	Color
Hex	59039A
RGB	89, 3, 154
RGB Percent	35%, 1%, 60%
CMY	0.6510, 0.9882, 0.3961
CMYK	0.42, 0.98, 0.00, 0.40
HSL	274°, 96%, 31%
HSV	274°, 98%, 60%
XYZ	9.9851, 4.5221, 30.9184
YIQ	45.9280, 2.7850, 65.1930

Conversions

Conversions Part 2

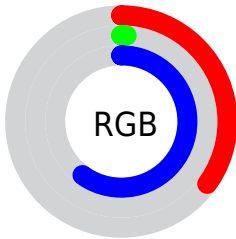
Format	Color
RYB	89, 3, 154
Decimal	5833626
CIELab	25.33, 57.79, -60.20
CIElCh	25, 83.451, 313.829
Yxy	4.5221, 0.2198, 0.0995
Android (android.graphics.Color)	4284023706 (0xFF59039A)
YUV	45.9280, 53.2795, 37.7741
Hunter-Lab	21.2651, 46.6013, -71.3190

Details

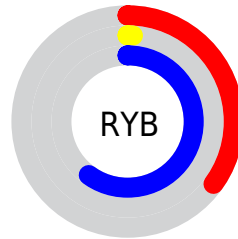
The Hex color **59039A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **449A03**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9243D2**, and **1C0065** is the 20% darker color. If you saturate the color by 10%, you get **58009A**, and if you desaturate by 10%, it is **60129A**.

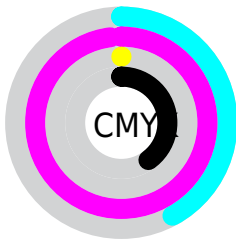
Distribution



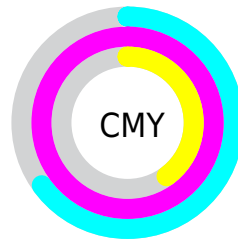
- Red (35%)
- Green (1%)
- Blue (60%)



- Red (35%)
- Yellow (1%)
- Blue (60%)



- Cyan (42%)
- Magenta (98%)
- Yellow (0%)
- Black (40%)



- Cyan (65%)
- Magenta (99%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59039A 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 59039A by changing the saturation by 10% instead.

59039A

59039A

FFFFFF

3C007F

9243D2

1C0065

AF5EEE

00004D

CC79FF

000535

E994FF

00021E

FFB0FF

000001

FFCCFF

000000

FFE9FF

59039A

59039A

■ 58009A

■ 60129A

■ 66229A

■ 6D319A

■ 74419A

■ 7A509A

■ 815F9A

■ 876F9A

■ 8E7E9A

■ 958E9A

Harmonies

Analogous

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



003EBC



59039A



940061

Triad

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



59039A



662B00



005159

Complementary

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



59039A



449A03

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.



004F14



59039A



2F4300

Square

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



59039A



8C0000



004C00



005295

Rectangle

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



59039A



A00038



004C00



005143

Sweetspot

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



59039A



B08FC9



03449A



574266



E6E6E6



666666

Same Dimension

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



59039A



7300C9



9A0390



49454D



50008C



07000D

Inverse Universe

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



9A0344



C90057



039A0D



4D4548



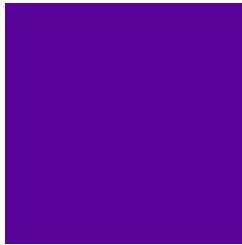
8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 59039A looks on a white background.

Color Contrast Check

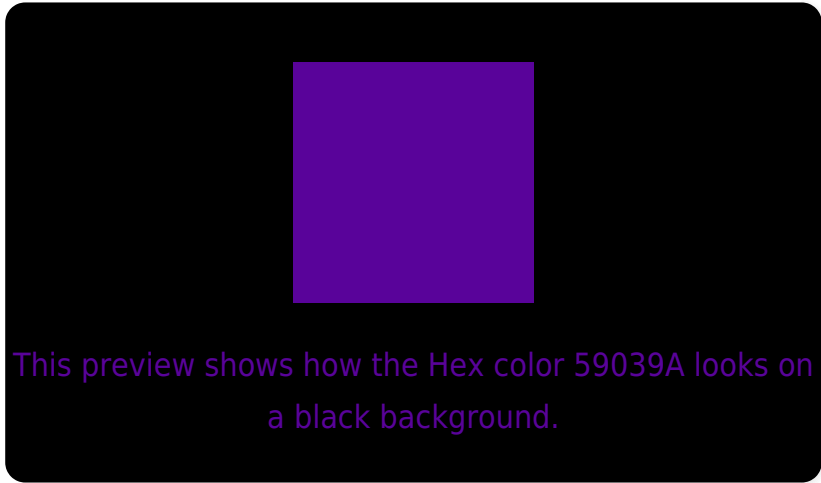
Large Text (above 18pt) WCAG AA ✓ Pass

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

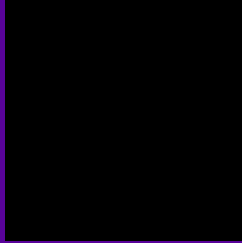
Any Text WCAG AA × Fail

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 59039A Background



This preview shows how black text looks on a background with the Hex color 59039A.

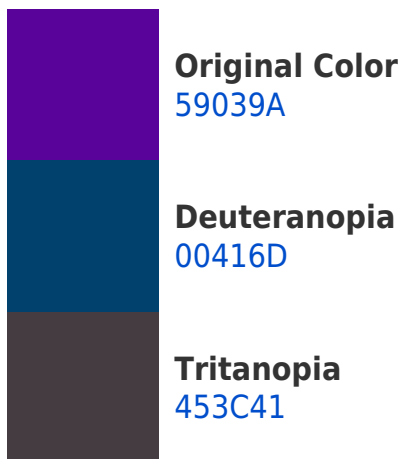


This preview shows how white text looks on a background with the Hex color 59039A.

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

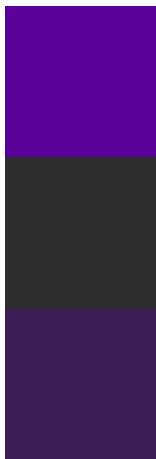


Original Color
59039A

Deuteranomaly
202A7D

Tritanomaly
4C2761

Monochromacy



Original Color
59039A

Achromatopsia
2E2E2E

Achromatomaly
3E1E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 59039A 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 #59039A looks like.

```
.text, #text, p{  
    color:#59039A  
}
```

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 #59039A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59039A
}
```

Border

The CSS property to change the border of an element to Hex 59039A is called "border". The border property can be set on classes, ids or directly on the HTML element.

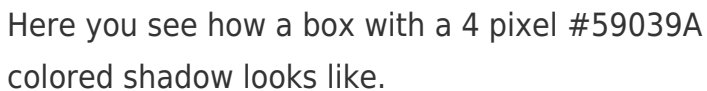
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59039A }
```

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

```
.border{ border-color:#59039A }
```

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



Here you see how a box with a 4 pixel #59039A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59039A; -webkit-box-shadow:4px 4px  
4px 4px #59039A; box-shadow:4px 4px 4px  
4px #59039A }
```

Background

The CSS property to change the background color of an element to Hex 59039A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59039A }
```

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

```
.background{ background-color:#59039A }
```

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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