

Converting Colors

Hex(5A059C)

Have a look what the booklet for
Hex(5A059C) contains.

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Color

Hex(5A059C)

Conversions

Conversions Part 1

Format	Color
Hex	5A059C
RGB	90, 5, 156
RGB Percent	35%, 2%, 61%
CMY	0.6471, 0.9804, 0.3882
CMYK	0.42, 0.97, 0.00, 0.39
HSL	274°, 94%, 32%
HSV	274°, 97%, 61%
XYZ	10.2715, 4.6825, 31.8149
YIQ	47.6290, 2.1890, 64.9810

Conversions

Conversions Part 2

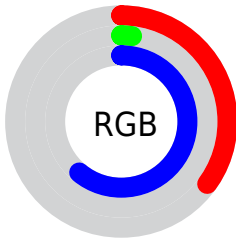
Format	Color
R_{YB}	90, 5, 156
Decimal	5899676
CIE _{Lab}	25.81, 57.94, -60.63
CIE _{LCh}	26, 83.864, 313.702
Yxy	4.6825, 0.2196, 0.1001
Android (android.graphics.Color)	4284089756 (0xFF5A059C)
YUV	47.6290, 53.4269, 37.1594
Hunter-Lab	21.6391, 46.8606, -72.0239

Details

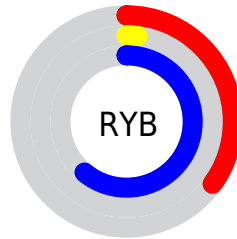
The Hex color **5A059C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **479C05**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9345D4**, and **1D0067** is the 20% darker color. If you saturate the color by 10%, you get **58009C**, and if you desaturate by 10%, it is **61159C**.

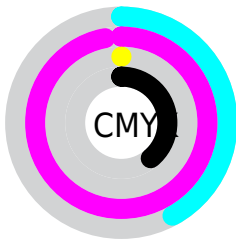
Distribution



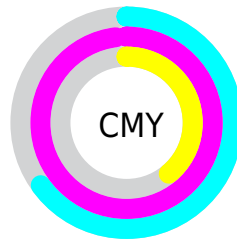
- Red (35%)
- Green (2%)
- Blue (61%)



- Red (35%)
- Yellow (2%)
- Blue (61%)



- Cyan (42%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A059C 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 5A059C by changing the saturation by 10% instead.

■ 5A059C

■ 5A059C

FFFFFF

■ 3D0081

■ 9345D4

■ 1D0067

■ B05FF0

■ 00004E

■ CD7AFF

■ 000536

■ EA95FF

■ 000220

■ FFB1FF

■ 000004

■ FFCDFE

■ 000000

■ FFEAFF

■ 5A059C

■ 5A059C

■ 58009C

■ 61159C

■ 68249C

■ 6E349C

■ 75439C

■ 7C539C

■ 83639C

■ 8A729C

■ 91829C

■ 97919C

Harmonies

Analogous

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



003FBE



5A059C



960063

Triad

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



5A059C



672C00



00525A

Complementary

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



5A059C



479C05

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.



005015



5A059C



304400

Square

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



5A059C



8E0000



004D00



005497

Rectangle

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



5A059C



A20039



004D00



005244

Sweetspot

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



5A059C



B291CC



05499C



564266



E6E6E6



666666

Same Dimension

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



5A059C



7300CC



9C0594



4C474F



50008F



09000F

Inverse Universe

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



9C0547



CC0059



059C0D



4F474B



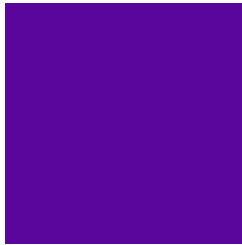
8F003E



0F0007

Previews

White Background



This preview shows how the Hex color 5A059C looks on a white background.

Color Contrast Check

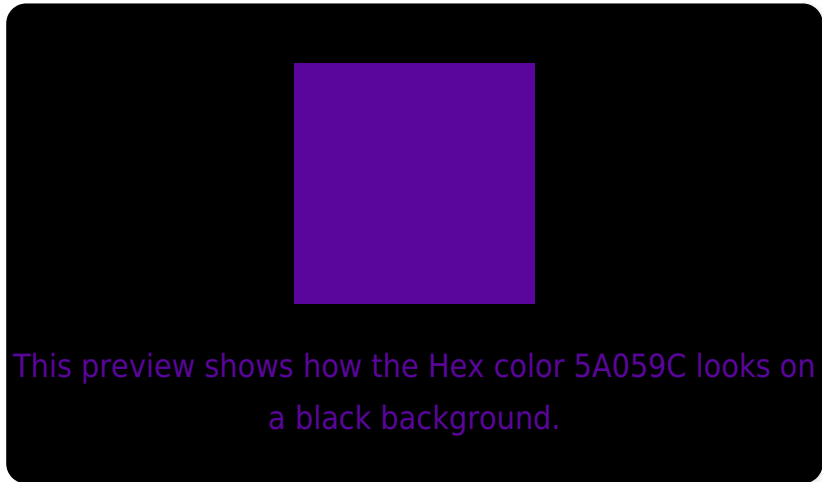
Large Text (above 18pt) WCAG AA ✓ Pass

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

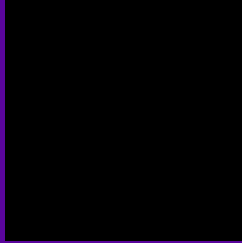
Any Text WCAG AA × Fail

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 5A059C Background



This preview shows how black text looks on a background with the Hex color 5A059C.

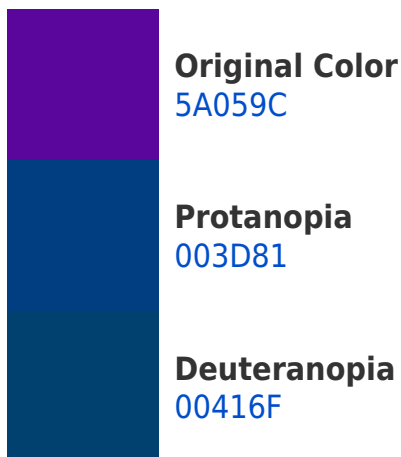


This preview shows how white text looks on a background with the Hex color 5A059C.

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
463D42

Trichromacy



Original Color
5A059C

Protanomaly
21298B

Deuteranomaly
212B7F

Tritanomaly
4D2963

Monochromacy



Original Color
5A059C

Achromatopsia
303030

Achromatomaly
3F2057

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A059C 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 #5A059C looks like.

```
.text, #text, p{  
    color:#5A059C  
}
```

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 #5A059C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A059C
}
```

Border

The CSS property to change the border of an element to Hex 5A059C is called "border". The border property can be set on classes, ids or directly on the HTML element.

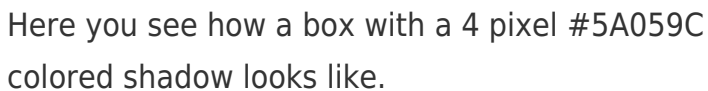
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A059C }
```

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

```
.border{ border-color:#5A059C }
```

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



Here you see how a box with a 4 pixel #5A059C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A059C; -webkit-box-shadow:4px 4px  
4px 4px #5A059C; box-shadow:4px 4px 4px  
4px #5A059C }
```

Background

The CSS property to change the background color of an element to Hex 5A059C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A059C }
```

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

```
.background{ background-color:#5A059C }
```

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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