

Converting Colors

Hex(12059C)

Have a look what the booklet for
Hex(12059C) contains.

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Color

Hex(12059C)

Conversions

Conversions Part 1

Format	Color
Hex	12059C
RGB	18, 5, 156
RGB Percent	7%, 2%, 61%
CMY	0.9294, 0.9804, 0.3882
CMYK	0.88, 0.97, 0.00, 0.39
HSL	245°, 94%, 32%
HSV	245°, 97%, 61%
XYZ	6.3045, 2.6374, 31.6293
YIQ	26.1010, -40.7230, 49.7170

Conversions

Conversions Part 2

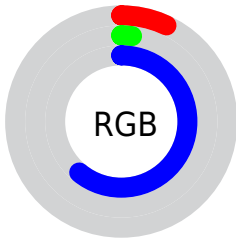
Format	Color
RYB	18, 5, 156
Decimal	1181084
CIELab	18.53, 53.57, -72.92
CIELCh	19, 90.483, 306.299
Yxy	2.6374, 0.1554, 0.0650
Android (android.graphics.Color)	4279371164 (0xFF12059C)
YUV	26.1010, 64.0402, -7.1046
Hunter-Lab	16.2402, 40.8737, -104.1046

Details

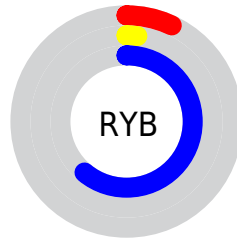
The Hex color **12059C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8F9C05**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **603BD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **0D009C**, and if you desaturate by 10%, it is **20159C**.

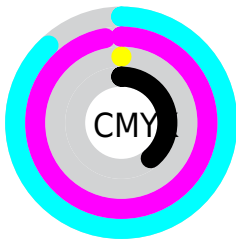
Distribution



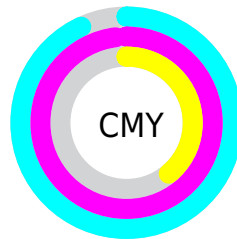
- Red (7%)
- Green (2%)
- Blue (61%)



- Red (7%)
- Yellow (2%)
- Blue (61%)



- Cyan (88%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (93%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12059C 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 12059C by changing the saturation by 10% instead.

 12059C

 12059C

 FFF8FF

 000081

 603BD4

 000067

 7F54F1

 00074E

 9D6EFF

 000536

 BB88FF

 000220

 D9A3FF

 000003

 F7BFFF

 000000

 FFDBFF

 12059C

 12059C

■ 0D009C

■ 20159C

■ 2F249C

■ 3D349C

■ 4B439C

■ 59539C

■ 68639C

■ 76729C

■ 84829C

■ 92919C

Harmonies

Analogous

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



0037B8



12059C



7D0064

Triad

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



12059C



600900



00403A

Complementary

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



12059C



8F9C05

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.



003F00



12059C



2C3000

Square

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



12059C



830000



003B00



00437C

Rectangle

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



12059C



900039



003B00



003F23

Sweetspot

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



12059C



9691CC



058F9C



454266



E6E6E6



666666

Same Dimension

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



12059C



1200CC



5D059C



48474F



0C008F



01000F

Inverse Universe

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



9C058F



CC00BA



449C05



4F474E



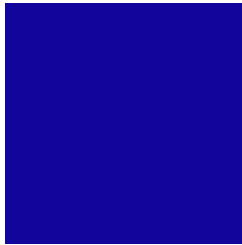
8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 12059C looks on a white background.

Color Contrast Check

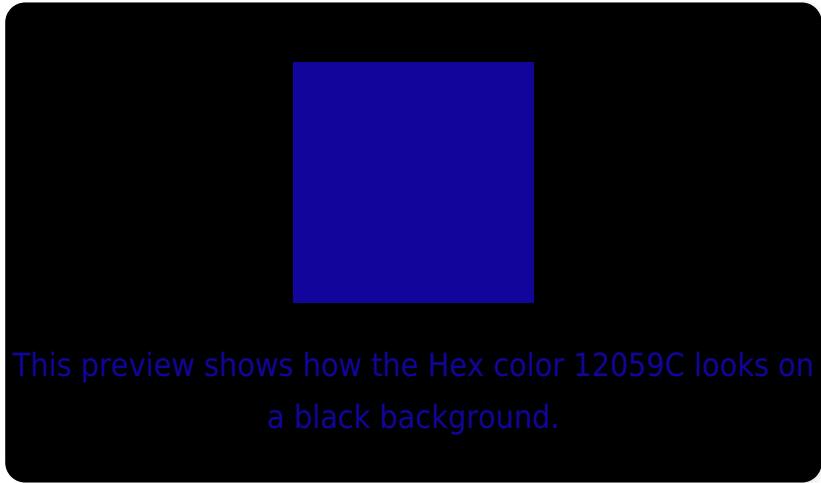
Large Text (above 18pt) WCAG AA ✓ Pass

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

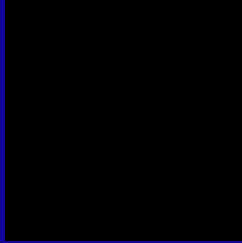
Any Text WCAG AA × Fail

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 12059C Background



This preview shows how black text looks on a background with the Hex color 12059C.



This preview shows how white text looks on a background with the Hex color 12059C.

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



Original Color
12059C

Protanopia
002E61

Deuteranopia
003152

Trichromacy



Original Color
12059C

Protanomaly
071F76

Deuteranomaly
07216D

Tritanomaly
07245C

Monochromacy



Original Color
12059C

Achromatopsia
1A1A1A

Achromatomaly
171249

CSS Examples

Text

The CSS property to change the color of the text to Hex 12059C 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 #12059C looks like.

```
.text, #text, p{  
    color:#12059C  
}
```

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 #12059C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12059C
}
```

Border

The CSS property to change the border of an element to Hex 12059C 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".

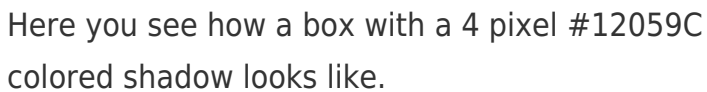
```
.border, #border, table{ border:4px solid
#12059C }
```

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

```
.border{ border-color:#12059C }
```

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

Here you see how a box with a 4 pixel #12059C colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12059C; -webkit-box-shadow:4px 4px  
4px 4px #12059C; box-shadow:4px 4px 4px  
4px #12059C }
```

Background

The CSS property to change the background color of an element to Hex 12059C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12059C }
```

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

```
.background{ background-color:#12059C }
```

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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