

Converting Colors

Hex(00059C)

Have a look what the booklet for
Hex(00059C) contains.

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Color

Hex(00059C)

Conversions

Conversions Part 1

Format	Color
Hex	00059C
RGB	0, 5, 156
RGB Percent	0%, 2%, 61%
CMY	1.0000, 0.9804, 0.3882
CMYK	1.00, 0.97, 0.00, 0.39
HSL	238°, 100%, 31%
HSV	238°, 100%, 61%
XYZ	6.0550, 2.5088, 31.6176
YIQ	20.7190, -51.4510, 45.9010

Conversions

Conversions Part 2

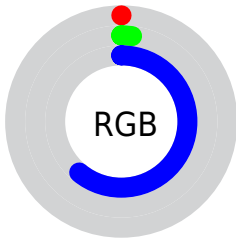
Format	Color
RYB	0, 5, 156
Decimal	1436
CIELab	17.96, 53.32, -73.89
CIELCh	18, 91.120, 305.814
Yxy	2.5088, 0.1507, 0.0624
Android (android.graphics.Color)	4278191516 (0xFF00059C)
YUV	20.7190, 66.6935, -18.1706
Hunter-Lab	15.8393, 40.5178, -107.2640

Details

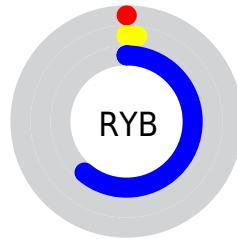
The Hex color **00059C** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9C9700**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5B3AD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **00059C**, and if you desaturate by 10%, it is **10149C**.

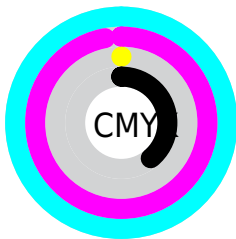
Distribution



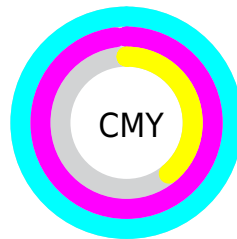
- Red (0%)
- Green (2%)
- Blue (61%)



- Red (0%)
- Yellow (2%)
- Blue (61%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00059C 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 00059C by changing the saturation by 10% instead.

 00059C

 00059C

 FFF7FF

 000081

 5B3AD4

 000067

 7A53F1

 00094E

 996DFF

 000536

 B787FF

 000220

 D5A2FF

 000003

 F3BEFF

 000000

 FFDAFF

 00059C

■ 10149C

■ 1F239C

■ 2F329C

■ 3E419C

■ 4E509C

■ 5E609C

■ 6D6F9C

■ 7D7E9C

■ 8C8D9C

Harmonies

Analogous

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



0037B7



00059C



7B0064

Triad

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



00059C



5F0500



003E38

Complementary

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



00059C



9C9700

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.



003D00



00059C



2C2F00

Square

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



00059C



820000



003900



00427A

Rectangle

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



00059C



8E0039



003900



003E21

Sweetspot

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



00059C



8F91CC



009C97



414266



E6E6E6



666666

Same Dimension

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



00059C



0007CC



49009C



47474F



00058F



00000F

Inverse Universe

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



9C0005



CC0007



539C00



4F4747



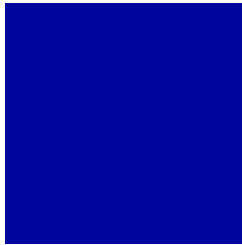
8F0005



0F0000

Previews

White Background



This preview shows how the Hex color 00059C looks on a white background.

Color Contrast Check

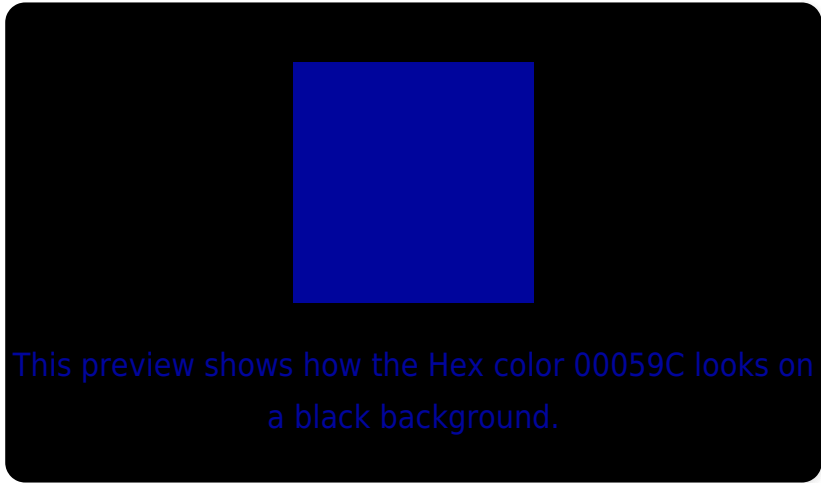
Large Text (above 18pt) WCAG AA ✓ Pass

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

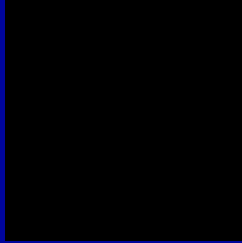
Any Text WCAG AA × Fail

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 00059C Background



This preview shows how black text looks on a background with the Hex color 00059C.



This preview shows how white text looks on a background with the Hex color 00059C.

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
00059C

Protanopia
002E60

Deuteranopia
003151

Trichromacy



Original Color
00059C

Protanomaly
001F76

Deuteranomaly
00216C

Tritanomaly
00245C

Monochromacy



Original Color
00059C

Achromatopsia
151515

Achromatomaly
0D0F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 00059C 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 #00059C looks like.

```
.text, #text, p{  
    color:#00059C  
}
```

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 #00059C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00059C
}
```

Border

The CSS property to change the border of an element to Hex 00059C is called "border". The border property can be set on classes, ids or directly on the HTML element.

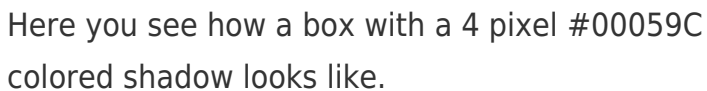
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00059C }
```

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

```
.border{ border-color:#00059C }
```

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



Here you see how a box with a 4 pixel #00059C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00059C; -webkit-box-shadow:4px 4px  
4px 4px #00059C; box-shadow:4px 4px 4px  
4px #00059C }
```

Background

The CSS property to change the background color of an element to Hex 00059C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00059C }
```

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

```
.background{ background-color:#00059C }
```

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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