

Converting Colors

Hex(00359B)

Have a look what the booklet for
Hex(00359B) contains.

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Color

Hex(00359B)

Conversions

Conversions Part 1

Format	Color
Hex	00359B
RGB	0, 53, 155
RGB Percent	0%, 21%, 61%
CMY	1.0000, 0.7922, 0.3922
CMYK	1.00, 0.66, 0.00, 0.39
HSL	219°, 100%, 30%
HSV	219°, 100%, 61%
XYZ	7.1895, 4.9128, 31.5797
YIQ	48.7810, -64.3300, 20.4860

Conversions

Conversions Part 2

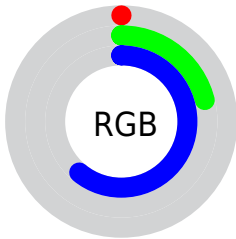
Format	Color
RYB	0, 39, 155
Decimal	13723
CIELab	26.48, 28.33, -59.14
CIELCh	26, 65.575, 295.600
Yxy	4.9128, 0.1646, 0.1125
Android (android.graphics.Color)	4278203803 (0xFF00359B)
YUV	48.7810, 52.3660, -42.7809
Hunter-Lab	22.1648, 19.1110, -68.9593

Details

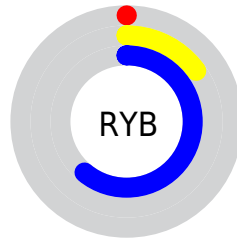
The Hex color **00359B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B6600**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5763D2**, and **000E67** is the 20% darker color. If you saturate the color by 10%, you get **00359B**, and if you desaturate by 10%, it is **0F3F9B**.

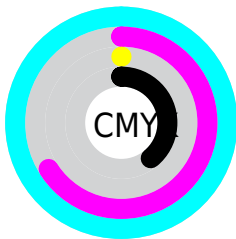
Distribution



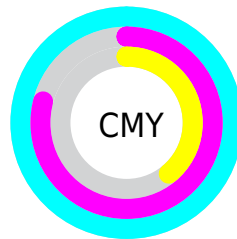
- Red (0%)
- Green (21%)
- Blue (61%)



- Red (0%)
- Yellow (15%)
- Blue (61%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (79%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00359B 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 00359B by changing the saturation by 10% instead.

■ 00359B

■ 00359B

FFFFFF

■ 002080

■ 5763D2

■ 000E67

■ 757CEF

■ 00004E

■ 9296FF

■ 000536

■ AFB0FF

■ 000220

■ CDCCFF

■ 000003

■ EBE8FF

■ 000000

■ 00359B

■ 0F3F9B

 1F499B

 2F549B

 3E5E9B

 4E689B

 5D729B

 6C7C9B

 7C879B

 8B919B

Harmonies

Analogous

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



0048A5



00359B



700578

Triad

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



00359B



781F00



005136

Complementary

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



00359B



9B6600

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.



004E00



00359B



543B00

Square

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



00359B



8E0018



224800



005269

Rectangle

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



00359B



880059



224800



005024

Sweetspot

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



00359B



8DA2C9



009B65



414E66



E6E6E6



666666

Same Dimension

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



00359B



0045C9



17009B



45474D



00308C



00040D

Inverse Universe

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



9B0035



C90045



849B00



4D4547



8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 00359B looks on a white background.

Color Contrast Check

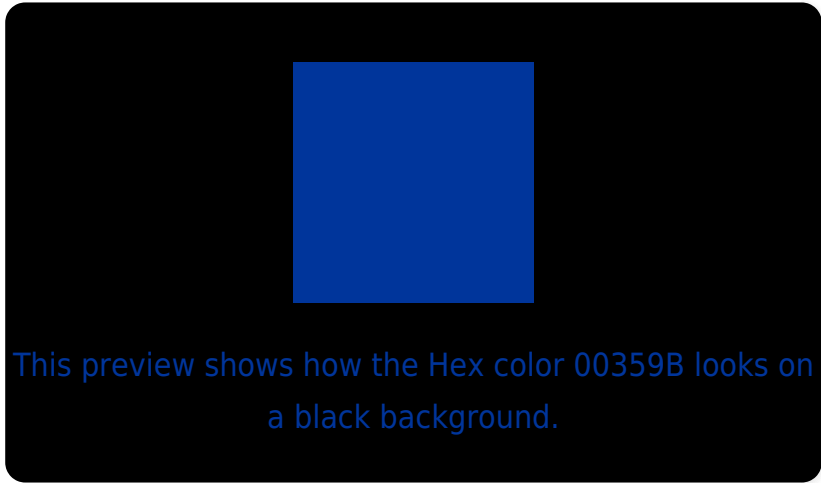
Large Text (above 18pt) WCAG AA ✓ Pass

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

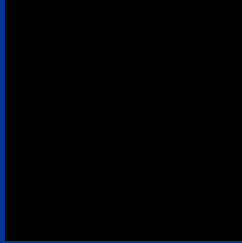
Any Text WCAG AA × Fail

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 00359B Background



This preview shows how black text looks on a background with the Hex color 00359B.



This preview shows how white text looks on a background with the Hex color 00359B.

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
00359B

Protanopia
003D81

Deuteranopia
00416E



Tritanopia
00464A

Trichromacy



Original Color
00359B

Protanomaly
003A8A

Deuteranomaly
003D7E

Tritanomaly
004067

Monochromacy



Original Color
00359B

Achromatopsia
313131

Achromatomaly
1F3258

CSS Examples

Text

The CSS property to change the color of the text to Hex 00359B 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 #00359B looks like.

```
.text, #text, p{  
    color:#00359B  
}
```

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 #00359B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00359B
}
```

Border

The CSS property to change the border of an element to Hex 00359B 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
#00359B }
```

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

```
.border{ border-color:#00359B }
```

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

Here you see how a box with a 4 pixel #00359B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00359B; -webkit-box-shadow:4px 4px  
4px 4px #00359B; box-shadow:4px 4px 4px  
4px #00359B }
```

Background

The CSS property to change the background color of an element to Hex 00359B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00359B }
```

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

```
.background{ background-color:#00359B }
```

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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