

Converting Colors

Hex(00359D)

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

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Color

Hex(00359D)

Conversions

Conversions Part 1

Format	Color
Hex	00359D
RGB	0, 53, 157
RGB Percent	0%, 21%, 62%
CMY	1.0000, 0.7922, 0.3843
CMYK	1.00, 0.66, 0.00, 0.38
HSL	220°, 100%, 31%
HSV	220°, 100%, 62%
XYZ	7.3589, 4.9805, 32.4718
YIQ	49.0090, -64.9720, 21.1080

Conversions

Conversions Part 2

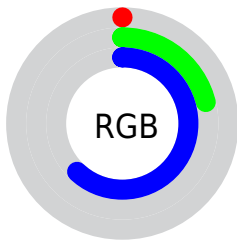
Format	Color
RYB	0, 40, 157
Decimal	13725
CIELab	26.68, 29.14, -60.04
CIELCh	27, 66.737, 295.893
Yxy	4.9805, 0.1642, 0.1111
Android (android.graphics.Color)	4278203805 (0xFF00359D)
YUV	49.0090, 53.2396, -42.9809
Hunter-Lab	22.3171, 19.8042, -70.6460

Details

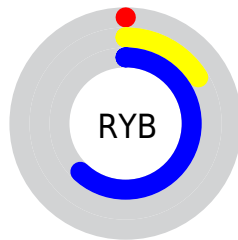
The Hex color **00359D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9D6800**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5763D5**, and **000E68** is the 20% darker color. If you saturate the color by 10%, you get **00359D**, and if you desaturate by 10%, it is **103F9D**.

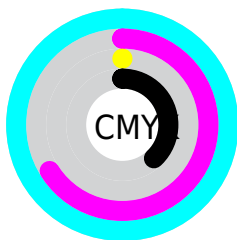
Distribution



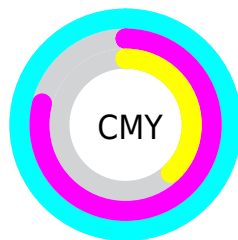
- Red (0%)
- Green (21%)
- Blue (62%)



- Red (0%)
- Yellow (16%)
- Blue (62%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

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

■ 00359D

■ 00359D

FFFFFF

■ 002082

■ 5763D5

■ 000E68

■ 757CF1

■ 000050

■ 9396FF

■ 000538

■ B0B0FF

■ 000221

■ CECCFF

■ 000006

■ ECE8FF

■ 000000

■ 00359D

■ 103F9D

■ 1F4A9D

■ 2F549D

■ 3F5F9D

■ 4F699D

■ 5E739D

■ 6E7E9D

■ 7E889D

■ 8D939D

Harmonies

Analogous

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



0049A7



00359D



720179

Triad

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



00359D



791F00



005236

Complementary

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



00359D



9D6800

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.



004F00



00359D



543B00

Square

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



00359D



8F0017



214900



00536B

Rectangle

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



00359D



8A0059



214900



005124

Sweetspot

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



00359D



8FA3CC



009D66



414E66



E6E6E6



666666

Same Dimension

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



00359D



0045CC



18009D



474A4F



00308F



00050F

Inverse Universe

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



9D0035



CC0045



859D00



4F474A



8F0030



0F0005

Previews

White Background



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

Color Contrast Check

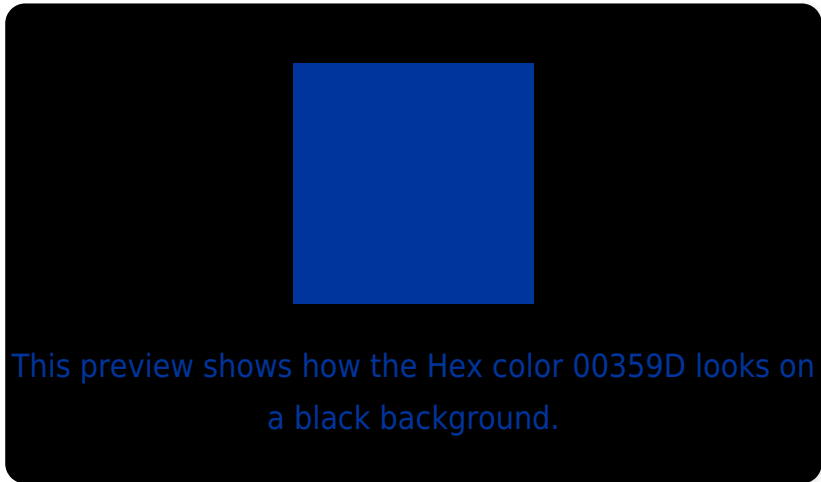
Large Text (above 18pt) WCAG AA ✓ Pass

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

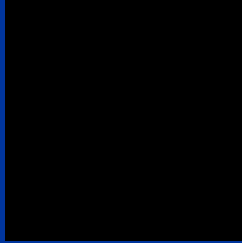
Any Text WCAG AA × Fail

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 00359D Background



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



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

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
00359D

Protanopia
003D82

Deuteranopia
00416F



Tritanopia
00474B

Trichromacy



Original Color
00359D

Protanomaly
003A8C

Deuteranomaly
003D80

Tritanomaly
004069

Monochromacy



Original Color
00359D

Achromatopsia
313131

Achromatomaly
1F3258

CSS Examples

Text

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

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

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 #00359D colored shadow looks like.

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

Border

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

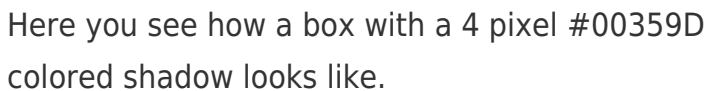
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00359D }
```

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

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

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



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

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

Background

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

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

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

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

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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