

Converting Colors

Hex(09349F)

Have a look what the booklet for
Hex(09349F) contains.

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Color

Hex(09349F)

Conversions

Conversions Part 1

Format	Color
Hex	09349F
RGB	9, 52, 159
RGB Percent	4%, 20%, 62%
CMY	0.9647, 0.7961, 0.3765
CMYK	0.94, 0.67, 0.00, 0.38
HSL	223°, 89%, 33%
HSV	223°, 94%, 62%
XYZ	7.5987, 5.0173, 33.3688
YIQ	51.3410, -59.9750, 24.1610

Conversions

Conversions Part 2

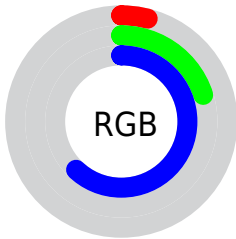
Format	Color
R_{YB}	9, 42, 159
Decimal	603295
CIE _{Lab}	26.78, 30.98, -61.08
CIE _{LCh}	27, 68.485, 296.897
Yxy	5.0173, 0.1652, 0.1091
Android (android.graphics.Color)	4278793375 (0xFF09349F)
YUV	51.3410, 53.0759, -37.1331
Hunter-Lab	22.3992, 21.3551, -72.6466

Details

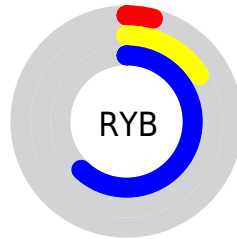
The Hex color **09349F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F7409**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5A62D7**, and **000D6A** is the 20% darker color. If you saturate the color by 10%, you get **002E9F**, and if you desaturate by 10%, it is **193F9F**.

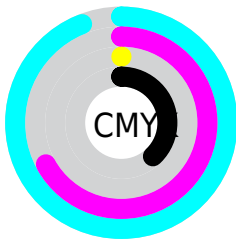
Distribution



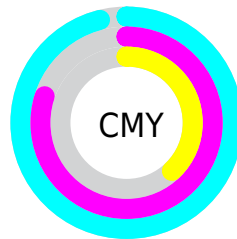
- Red (4%)
- Green (20%)
- Blue (62%)



- Red (4%)
- Yellow (16%)
- Blue (62%)



- Cyan (94%)
- Magenta (67%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (80%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09349F 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 09349F by changing the saturation by 10% instead.

■ 09349F

■ 09349F

FFFFFF

■ 001F84

■ 5A62D7

■ 000D6A

■ 787BF4

■ 000051

■ 9695FF

■ 000539

■ B3B0FF

■ 000223

■ D1CBFF

■ 000009

■ EFE7FF

■ 000000

■ 09349F

■ 09349F

■ 002E9F

■ 193F9F

■ 294B9F

■ 39569F

■ 49619F

■ 596D9F

■ 68789F

■ 78839F

■ 888F9F

■ 989A9F

Harmonies

Analogous

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



0049AB



09349F



75007A

Triad

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



09349F



791F00



005238

Complementary

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



09349F



9F7409

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.



005000



09349F



533C00

Square

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



09349F



910015



1C4900



00536E

Rectangle

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



09349F



8D0059



1C4900



005125

Sweetspot

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



09349F



95A5CF



099F72



454F69



E8E8E8



696969

Same Dimension

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



09349F



003BCF



27099F



47494F



00298F



00040F

Inverse Universe

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



9F0934



CF003B



819F09



4F4749



8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 09349F looks on a white background.

Color Contrast Check

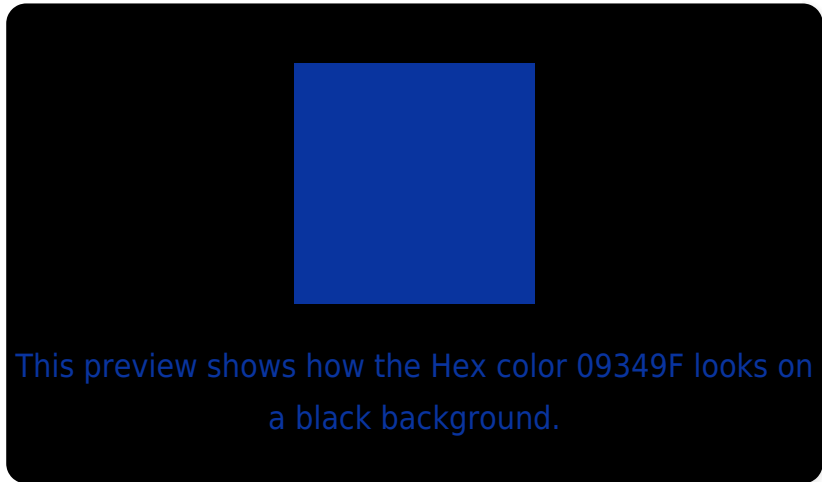
Large Text (above 18pt) WCAG AA ✓ Pass

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

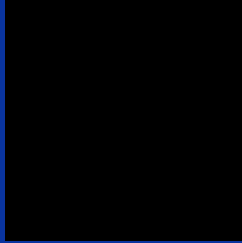
Any Text WCAG AA × Fail

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 09349F Background



This preview shows how black text looks on a background with the Hex color 09349F.



This preview shows how white text looks on a background with the Hex color 09349F.

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
09349F

Protanopia
003D81

Deuteranopia
00416E



Tritanopia
00474B

Trichromacy



Original Color
09349F

Protanomaly
033A8C

Deuteranomaly
033C80

Tritanomaly
03406A

Monochromacy



Original Color
09349F

Achromatopsia
333333

Achromatomaly
24335A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09349F 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 #09349F looks like.

```
.text, #text, p{  
    color:#09349F  
}
```

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 #09349F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09349F
}
```

Border

The CSS property to change the border of an element to Hex 09349F 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
#09349F }
```

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

```
.border{ border-color:#09349F }
```

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

Here you see how a box with a 4 pixel #09349F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09349F; -webkit-box-shadow:4px 4px  
4px 4px #09349F; box-shadow:4px 4px 4px  
4px #09349F }
```

Background

The CSS property to change the background color of an element to Hex 09349F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09349F }
```

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

```
.background{ background-color:#09349F }
```

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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