

Converting Colors

Hex(0F419B)

Have a look what the booklet for
Hex(0F419B) contains.

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Color

Hex(0F419B)

Conversions

Conversions Part 1

Format	Color
Hex	0F419B
RGB	15, 65, 155
RGB Percent	6%, 25%, 61%
CMY	0.9412, 0.7451, 0.3922
CMYK	0.90, 0.58, 0.00, 0.39
HSL	219°, 82%, 33%
HSV	219°, 90%, 61%
XYZ	8.0037, 6.2487, 31.7946
YIQ	60.3100, -58.6900, 17.3900

Conversions

Conversions Part 2

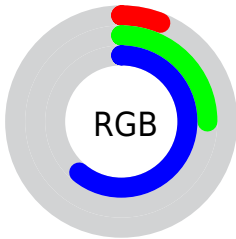
Format	Color
R_{YB}	15, 52, 155
Decimal	999835
CIE _{Lab}	30.03, 20.74, -53.32
CIE _{LCh}	30, 57.215, 291.258
Yxy	6.2487, 0.1738, 0.1357
Android (android.graphics.Color)	4279189915 (0xFF0F419B)
YUV	60.3100, 46.6822, -39.7369
Hunter-Lab	24.9974, 13.4068, -57.9137

Details

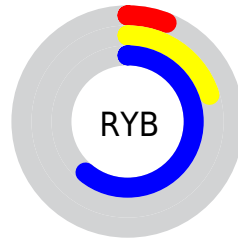
The Hex color **0F419B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9B690F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5970D2**, and **001867** is the 20% darker color. If you saturate the color by 10%, you get **00379B**, and if you desaturate by 10%, it is **1F4B9B**.

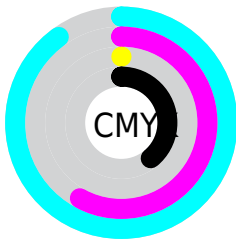
Distribution



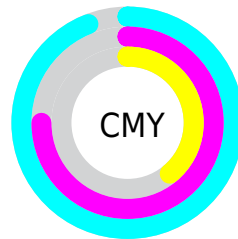
- Red (6%)
- Green (25%)
- Blue (61%)



- Red (6%)
- Yellow (20%)
- Blue (61%)



- Cyan (90%)
- Magenta (58%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (75%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F419B 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 0F419B by changing the saturation by 10% instead.

■ 0F419B

■ 0F419B

FFFFFF

■ 002C80

■ 5970D2

■ 001867

■ 7789EF

■ 00004E

■ 94A4FF

■ 000536

■ B1BFFF

■ 000220

■ CEDAFF

■ 000004

■ ECF7FF

■ 000000

■ 0F419B

■ 0F419B

■ 00379B

■ 1F4B9B

■ 2E559B

■ 3E5F9B

■ 4D699B

■ 5D739B

■ 6C7D9B

■ 7C879B

■ 8B919B

■ 9B9B9B

Harmonies

Analogous

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



0050A0



0F419B



6D277F

Triad

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



0F419B



812A00



005838

Complementary

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



0F419B



9B690F

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.



005502



0F419B



624000

Square

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



0F419B



91032A



3A4E00



005966

Rectangle

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



0F419B



860C64



3A4E00



005728

Sweetspot

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



0F419B



93A6C9



0F9B68



455166



E6E6E6



666666

Same Dimension

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



0F419B



0048C9



220F9B



45484D



00328C



00050D

Inverse Universe

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



9B0F41



C90048



889B0F



4D4548



8C0032



0D0005

Previews

White Background



This preview shows how the Hex color 0F419B looks on a white background.

Color Contrast Check

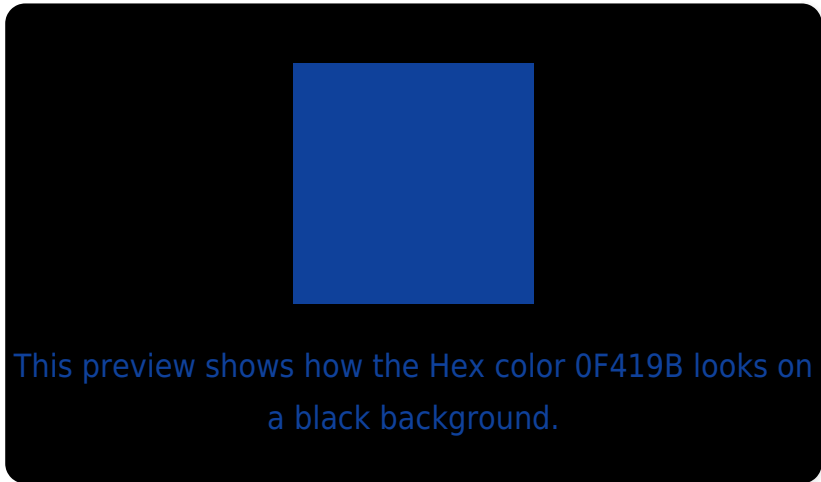
Large Text (above 18pt) WCAG AA ✓ Pass

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

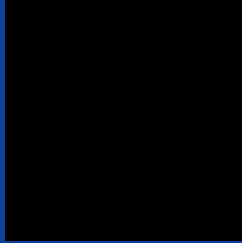
Any Text WCAG AA × Fail

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 0F419B Background



This preview shows how black text looks on a background with the Hex color 0F419B.



This preview shows how white text looks on a background with the Hex color 0F419B.

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
0F419B

Protanopia
004491

Deuteranopia
00497C



Tritanopia
004F53

Trichromacy



Original Color
0F419B

Protanomaly
054395

Deuteranomaly
054687

Tritanomaly
054A6D

Monochromacy



Original Color
0F419B

Achromatopsia
3C3C3C

Achromatomaly
2C3E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F419B 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 #0F419B looks like.

```
.text, #text, p{  
    color:#0F419B  
}
```

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 #0F419B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F419B
}
```

Border

The CSS property to change the border of an element to Hex 0F419B 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
#0F419B }
```

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

```
.border{ border-color:#0F419B }
```

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

Here you see how a box with a 4 pixel #0F419B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F419B; -webkit-box-shadow:4px 4px  
4px 4px #0F419B; box-shadow:4px 4px 4px  
4px #0F419B }
```

Background

The CSS property to change the background color of an element to Hex 0F419B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F419B }
```

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

```
.background{ background-color:#0F419B }
```

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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