

Converting Colors

Hex(0F3FAF)

Have a look what the booklet for
Hex(0F3FAF) contains.

Hex(0F3FAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F3FAF)

Conversions

Conversions Part 1

Format	Color
Hex	0F3FAF
RGB	15, 63, 175
RGB Percent	6%, 25%, 69%
CMY	0.9412, 0.7529, 0.3137
CMYK	0.91, 0.64, 0.00, 0.31
HSL	222°, 84%, 37%
HSV	222°, 91%, 69%
XYZ	9.7124, 6.7517, 41.3488
YIQ	61.4160, -64.5600, 24.6560

Conversions

Conversions Part 2

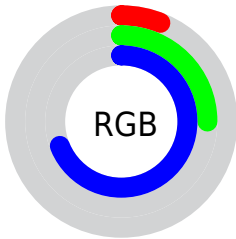
Format	Color
R_{YB}	15, 52, 175
Decimal	999343
CIE _{Lab}	31.23, 30.16, -63.39
CIE _{LCh}	31, 70.201, 295.443
Yxy	6.7517, 0.1680, 0.1168
Android (android.graphics.Color)	4279189423 (0xFF0F3FAF)
YUV	61.4160, 55.9969, -40.7068
Hunter-Lab	25.9841, 21.2479, -76.1600

Details

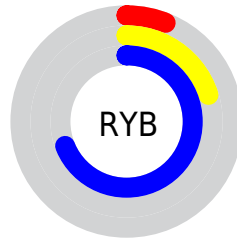
The Hex color **0F3FAF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AF7F0F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **606EE8**, and **001679** is the 20% darker color. If you saturate the color by 10%, you get **0034AF**, and if you desaturate by 10%, it is **214BAF**.

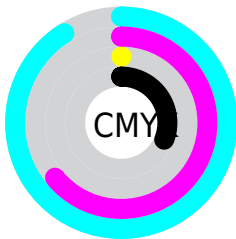
Distribution



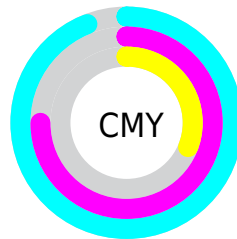
- Red (6%)
- Green (25%)
- Blue (69%)



- Red (6%)
- Yellow (20%)
- Blue (69%)



- Cyan (91%)
- Magenta (64%)
- Yellow (0%)
- Black (31%)



- Cyan (94%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F3FAF 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 0F3FAF by changing the saturation by 10% instead.

■ 0F3FAF

■ 0F3FAF

FFFFFF

■ 002A94

■ 606EE8

■ 001679

■ 7E87FF

■ 000060

■ 9CA2FF

■ 000847

■ BABDFF

■ 00042F

■ D8D8FF

■ 00011A

■ F7F5FF

■ 000000

■ 0F3FAF

■ 0F3FAF

■ 0034AF

■ 214BAF

■ 3257AF

■ 4464AF

■ 5570AF

■ 667CAF

■ 7889AF

■ 8A95AF

■ 9BA1AF

■ ACADAF

Harmonies

Analogous

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



0054BA



0F3FAF



801089

Triad

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



0F3FAF



892700



005E3F

Complementary

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



0F3FAF



AF7F0F

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.



005B00



0F3FAF



624500

Square

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



0F3FAF



A1001F



2C5400



005F78

Rectangle

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



0F3FAF



9A0067



2C5400



005D2B

Sweetspot

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



0F3FAF



A6B8E3



0FAF7F



4E5973



F2F2F2



737373

Same Dimension

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



0F3FAF



0044E3



2F0FAF



4E5157



002D96



000717

Inverse Universe

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



AF0F3F



E30044



8FAF0F



574E51



96002D



170007

Previews

White Background



This preview shows how the Hex color 0F3F9F looks on a white background.

Color Contrast Check

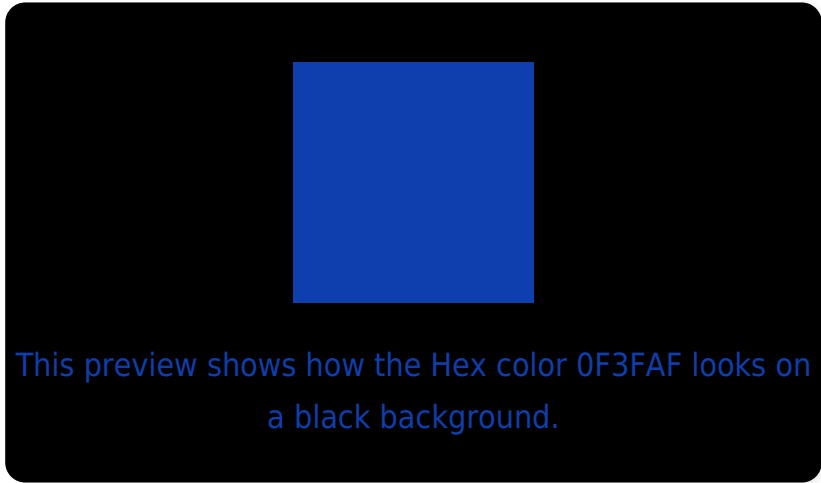
Large Text (above 18pt) WCAG AA ✓ Pass

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

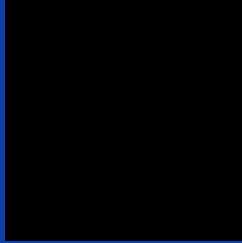
Any Text WCAG AA × Fail

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 0F3FAF Background



This preview shows how black text looks on a background with the Hex color 0F3FAF.



This preview shows how white text looks on a background with the Hex color 0F3FAF.

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

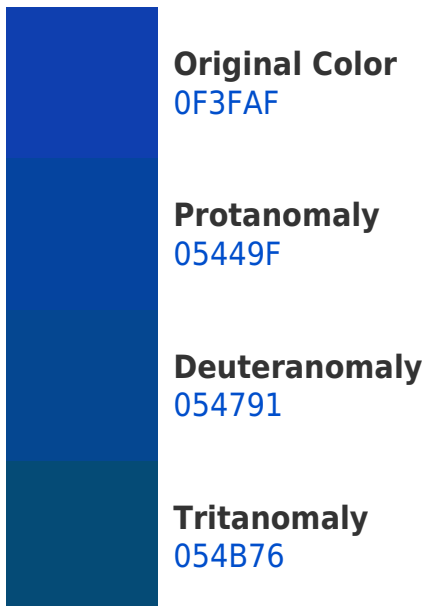


Original Color
0F3FAF

Protanopia
004796

Deuteranopia
004C80

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F3FAF 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 #0F3FAF looks like.

```
.text, #text, p{  
    color:#0F3FAF  
}
```

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 #0F3FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3FAF
}
```

Border

The CSS property to change the border of an element to Hex 0F3FAF 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
#0F3FAF }
```

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

```
.border{ border-color:#0F3FAF }
```

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

Here you see how a box with a 4 pixel #0F3FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3FAF; -webkit-box-shadow:4px 4px  
4px 4px #0F3FAF; box-shadow:4px 4px 4px  
4px #0F3FAF }
```

Background

The CSS property to change the background color of an element to Hex 0F3FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3FAF }
```

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

```
.background{ background-color:#0F3FAF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor