

# Converting Colors

Hex(0F0F9B)

Have a look what the booklet for  
Hex(0F0F9B) contains.

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# Color

**Hex(0F0F9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F0F9B
RGB	15, 15, 155
RGB Percent	6%, 6%, 61%
CMY	0.9412, 0.9412, 0.3922
CMYK	0.90, 0.90, 0.00, 0.39
HSL	240°, 82%, 33%
HSV	240°, 90%, 61%
XYZ	6.2842, 2.8098, 31.2215
YIQ	30.9600, -44.9400, 43.5400

# Conversions

## Conversions Part 2

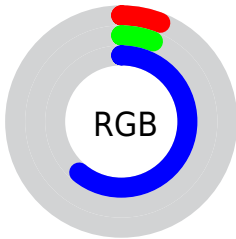
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 15, 155
Decimal	987035
CIE Lab	19.27, 50.18, -71.08
CIE LCh	19, 87.007, 305.217
Yxy	2.8098, 0.1559, 0.0697
Android (android.graphics.Color)	4279177115 (0xFF0F0F9B)
YUV	30.9600, 61.1517, -13.9969
Hunter-Lab	16.7623, 37.5857, -98.6996

# Details

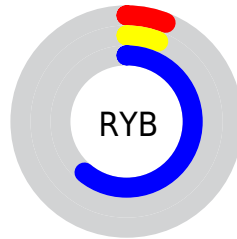
The Hex color **0F0F9B** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9B9B0F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **5E41D3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **00009B**, and if you desaturate by 10%, it is **1F1F9B**.

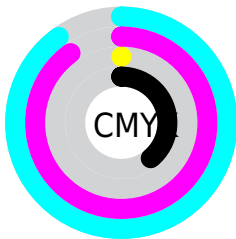
# Distribution



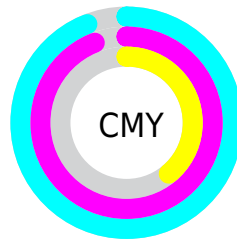
- Red (6%)
- Green (6%)
- Blue (61%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F0F9B 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 0F0F9B by changing the saturation by 10% instead.



0F0F9B

0F0F9B

FFFDFF

000080

5E41D3

000066

7D59F0

00074D

9B73FF

000535

B88DFF

00021F

D6A8FF

000002

F5C4FF

000000

FFE0FF

0F0F9B

0F0F9B

00009B

1F1F9B

2E2E9B

3E3E9B

4D4D9B

5D5D9B

6C6C9B

7C7C9B

8B8B9B

9B9B9B

# Harmonies

## Analogous

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



0039B4



0F0F9B



7B0066

# Triad

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



0F0F9B



620B00



004239

# Complementary

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



0F0F9B



9B9B0F

# 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.



004000



0F0F9B



313100

# Square

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



0F0F9B



840000



003C00



004479

# Rectangle

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



0F0F9B



8E003C



003C00



004122



# Sweetspot

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



0F0F9B



9393C9



0F9B9B



454566



E6E6E6



666666



# Same Dimension

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



0F0F9B



0000C9



550F9B



45454D



00008C



00000D



# Inverse Universe

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



9B0F9B



C900C9



559B0F



4D454D



8C008C

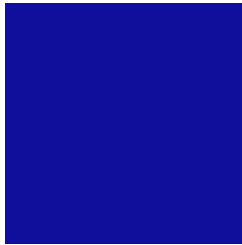


0D000D



# Previews

## White Background



This preview shows how the Hex color 0F0F9B looks on a white background.

## Color Contrast Check

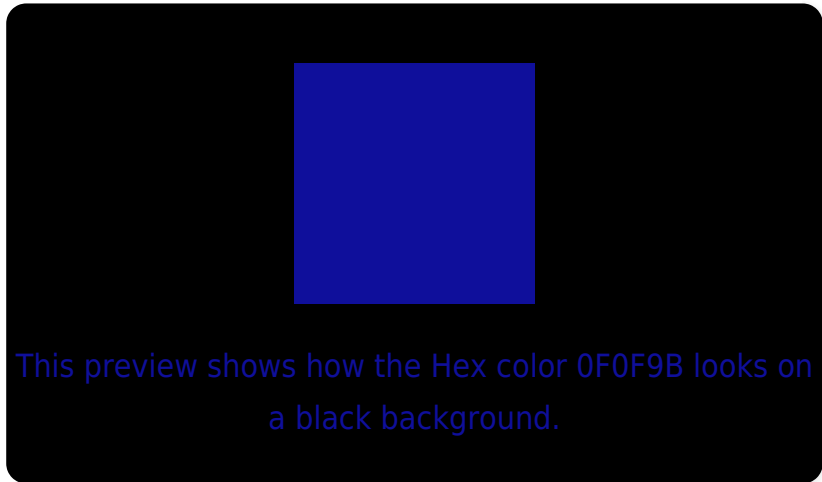
Large Text (above 18pt) WCAG AA ✓ Pass

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

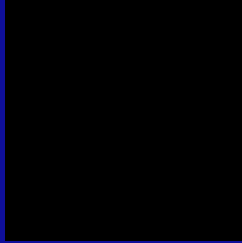
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F0F9B Background



This preview shows how black text looks on a background with the Hex color 0F0F9B.



This preview shows how white text looks on a background with the Hex color 0F0F9B.

# 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**  
0F0F9B

**Protanopia**  
002F62

**Deuteranopia**  
003253



# Trichromacy



**Original Color**  
0F0F9B

**Protanomaly**  
052377

**Deuteranomaly**  
05256D

**Tritanomaly**  
05285C

# Monochromacy



**Original Color**  
0F0F9B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
19194C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F0F9B 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 #0F0F9B looks like.

```
.text, #text, p{  
    color:#0F0F9B  
}
```

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 #0F0F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0F9B
}
```

## Border

The CSS property to change the border of an element to Hex 0F0F9B 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".

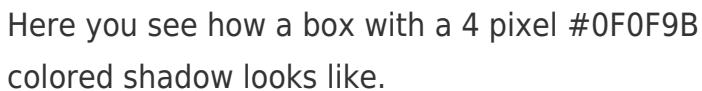
```
.border, #border, table{ border:4px solid
#0F0F9B }
```

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

```
.border{ border-color:#0F0F9B }
```

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

Here you see how a box with a 4 pixel #0F0F9B colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0F9B; -webkit-box-shadow:4px 4px  
4px 4px #0F0F9B; box-shadow:4px 4px 4px  
4px #0F0F9B }
```

# Background

The CSS property to change the background color of an element to Hex 0F0F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0F9B }
```

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

```
.background{ background-color:#0F0F9B }
```

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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