

Converting Colors

Hex(0F2099)

Have a look what the booklet for
Hex(0F2099) contains.

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Color

Hex(0F2099)

Conversions

Conversions Part 1

Format	Color
Hex	0F2099
RGB	15, 32, 153
RGB Percent	6%, 13%, 60%
CMY	0.9412, 0.8745, 0.4000
CMYK	0.90, 0.79, 0.00, 0.40
HSL	233°, 82%, 33%
HSV	233°, 90%, 60%
XYZ	6.4633, 3.4345, 30.4593
YIQ	40.7110, -48.9730, 34.0270

Conversions

Conversions Part 2

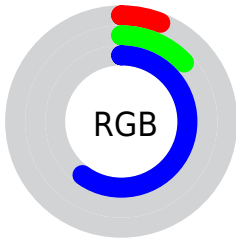
Format	Color
R_{YB}	15, 30, 153
Decimal	991385
CIE _{Lab}	21.71, 41.56, -65.79
CIE _{LCh}	22, 77.818, 302.278
Yxy	3.4345, 0.1602, 0.0851
Android (android.graphics.Color)	4279181465 (0xFF0F2099)
YUV	40.7110, 55.3585, -22.5485
Hunter-Lab	18.5324, 29.8213, -84.4746

Details

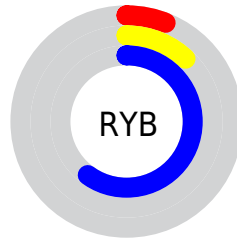
The Hex color **0F2099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **99880F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C4ED1**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **001399**, and if you desaturate by 10%, it is **1E2D99**.

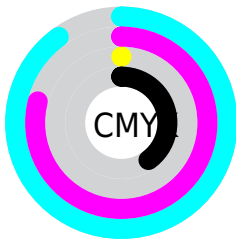
Distribution



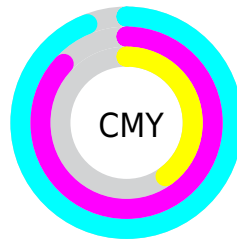
- Red (6%)
- Green (13%)
- Blue (60%)



- Red (6%)
- Yellow (12%)
- Blue (60%)



- Cyan (90%)
- Magenta (79%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2099 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 0F2099 by changing the saturation by 10% instead.

 0F2099

 0F2099

FFFFFF

 000A7E

 5C4ED1

 000065

 7A67ED

 00054B

 9880FF

 000434

 B59AFF

 00021E

 D3B5FF

 000000

 F1D1FF

 FFEFFF

 0F2099

 0F2099

■ 001399

■ 1E2D99

■ 2E3B99

■ 3D4899

■ 4C5699

■ 5B6399

■ 6B7099

■ 7A7E99

■ 898B99

■ 999999

Harmonies

Analogous

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



003DAC



0F2099



76006B

Triad

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



0F2099



691300



004737

Complementary

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



0F2099



99880F

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.



004400



0F2099



3D3400

Square

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



0F2099



870000



004000



004872

Rectangle

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



0F2099



8B0046



004000



004623

Sweetspot

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



0F2099



9198C7



0F9987



444863



E3E3E3



636363

Same Dimension

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



0F2099



0019C7



420F99



45464D



00118C



00020D

Inverse Universe

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



990F20



C70019



66990F



4D4546



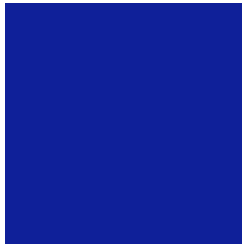
8C0011



0D0002

Previews

White Background



This preview shows how the Hex color 0F2099 looks on a white background.

Color Contrast Check

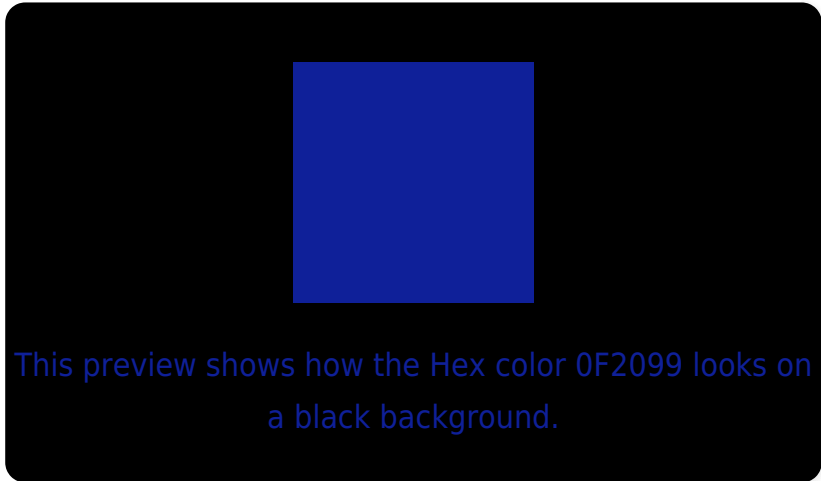
Large Text (above 18pt) WCAG AA ✓ Pass

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

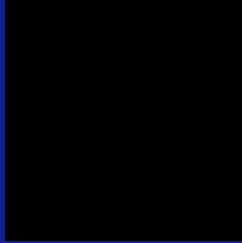
Any Text WCAG AA × Fail

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 0F2099 Background



This preview shows how black text looks on a background with the Hex color 0F2099.



This preview shows how white text looks on a background with the Hex color 0F2099.

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
0F2099

Protanopia
00336B

Deuteranopia
00365B



Tritanopia
003B3E

Trichromacy



Original Color
0F2099

Protanomaly
052C7C

Deuteranomaly
052E72

Tritanomaly
05315F

Monochromacy



Original Color
0F2099

Achromatopsia
292929

Achromatomaly
202652

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2099 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 #0F2099 looks like.

```
.text, #text, p{  
    color:#0F2099  
}
```

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 #0F2099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2099
}
```

Border

The CSS property to change the border of an element to Hex 0F2099 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".

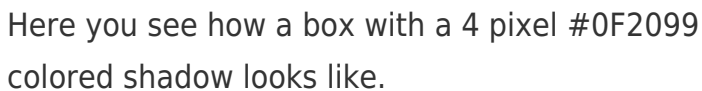
```
.border, #border, table{ border:4px solid
#0F2099 }
```

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

```
.border{ border-color:#0F2099 }
```

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

Here you see how a box with a 4 pixel #0F2099 colored shadow looks like.

A rectangular box with a 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 #0F2099; -webkit-box-shadow:4px 4px  
4px 4px #0F2099; box-shadow:4px 4px 4px  
4px #0F2099 }
```

Background

The CSS property to change the background color of an element to Hex 0F2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2099 }
```

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

```
.background{ background-color:#0F2099 }
```

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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