

Converting Colors

Hex(0F018C)

Have a look what the booklet for
Hex(0F018C) contains.

Hex(0F018C)	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(0F018C)

Conversions

Conversions Part 1

Format	Color
Hex	0F018C
RGB	15, 1, 140
RGB Percent	6%, 0%, 55%
CMY	0.9412, 0.9961, 0.4510
CMYK	0.89, 0.99, 0.00, 0.45
HSL	246°, 99%, 28%
HSV	246°, 99%, 55%
XYZ	4.9415, 2.0167, 24.9398
YIQ	21.0320, -36.2750, 46.1970

Conversions

Conversions Part 2

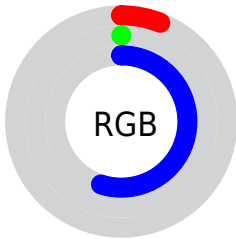
Format	Color
R_{YB}	15, 1, 140
Decimal	983436
CIE _{Lab}	15.57, 50.52, -67.93
CIE _{LCh}	16, 84.654, 306.636
Yxy	2.0167, 0.1549, 0.0632
Android (android.graphics.Color)	4279173516 (0xFF0F018C)
YUV	21.0320, 58.6512, -5.2901
Hunter-Lab	14.2011, 37.2597, -94.1834

Details

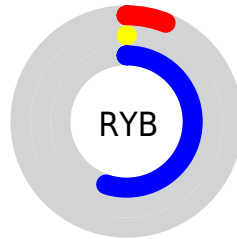
The Hex color **0F018C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7E8C01**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5A36C3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **0E008C**, and if you desaturate by 10%, it is **1C0F8C**.

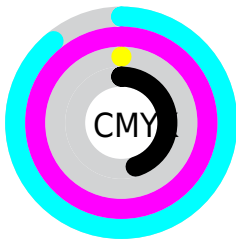
Distribution



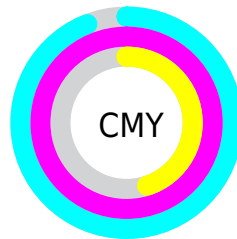
- Red (6%)
- Green (0%)
- Blue (55%)



- Red (6%)
- Yellow (0%)
- Blue (55%)



- Cyan (89%)
- Magenta (99%)
- Yellow (0%)
- Black (45%)



- Cyan (94%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F018C 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 0F018C by changing the saturation by 10% instead.

0F018C

0F018C

FFF1FF

000072

5A36C3

000058

784FE0

000740

9668FD

000329

B382FF

000113

D19DFF

000000

EFB9FF

FFD5FF

0F018C

0F018C

■ 0E008C

■ 1C0F8C

■ 281D8C

■ 352B8C

■ 41398C

■ 4E478C

■ 5B558C

■ 67638C

■ 74718C

■ 807F8C

Harmonies

Analogous

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



0030A6



0F018C



710058

Triad

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



0F018C



540600



003834

Complementary

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



0F018C



7E8C01

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.



003700



0F018C



252A00

Square

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



0F018C



750000



003400



003B70

Rectangle

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



0F018C



810031



003400



00371E

Sweetspot

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



0F018C



847FB5



017E8C



3E3B5C



DBDBDB



5C5C5C

Same Dimension

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



0F018C



1200B5



54018C



3F3E45



0D0085



010005

Inverse Universe

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



8C017E



B500A3



398C01



453E44



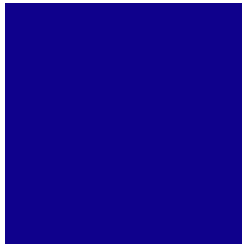
850077



050005

Previews

White Background



This preview shows how the Hex color 0F018C looks on a white background.

Color Contrast Check

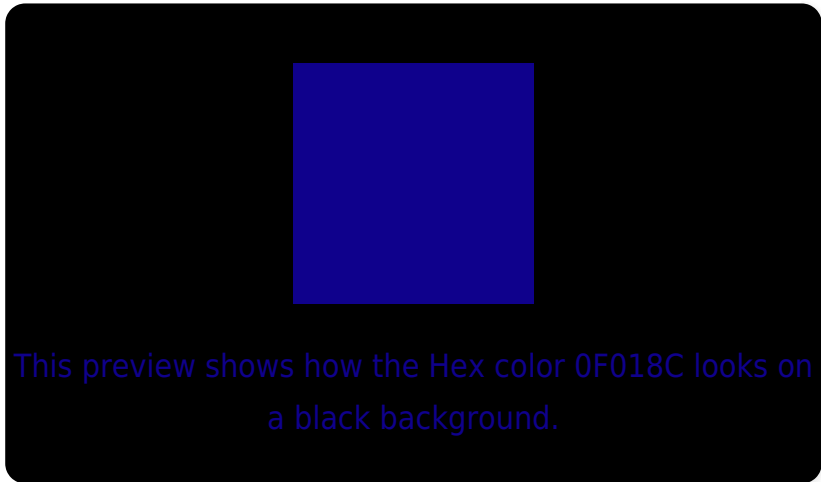
Large Text (above 18pt) WCAG AA ✓ Pass

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

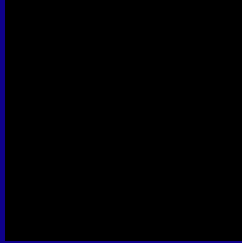
Any Text WCAG AA × Fail

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 0F018C Background



This preview shows how black text looks on a background with the Hex color 0F018C.



This preview shows how white text looks on a background with the Hex color 0F018C.

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
0F018C

Protanopia
002957

Deuteranopia
002C49

Trichromacy



Original Color
0F018C

Protanomaly
051A6A

Deuteranomaly
051C61

Tritanomaly
051F53

Monochromacy



Original Color
0F018C

Achromatopsia
151515

Achromatomaly
130E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F018C 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 #0F018C looks like.

```
.text, #text, p{  
    color:#0F018C  
}
```

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 #0F018C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F018C
}
```

Border

The CSS property to change the border of an element to Hex 0F018C 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
#0F018C }
```

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

```
.border{ border-color:#0F018C }
```

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

Here you see how a box with a 4 pixel #0F018C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F018C; -webkit-box-shadow:4px 4px  
4px 4px #0F018C; box-shadow:4px 4px 4px  
4px #0F018C }
```

Background

The CSS property to change the background color of an element to Hex 0F018C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F018C }
```

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

```
.background{ background-color:#0F018C }
```

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