

Converting Colors

Hex(0F0D94)

Have a look what the booklet for
Hex(0F0D94) contains.

Hex(0F0D94)	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(0F0D94)

Conversions

Conversions Part 1

Format	Color
Hex	0F0D94
RGB	15, 13, 148
RGB Percent	6%, 5%, 58%
CMY	0.9412, 0.9490, 0.4196
CMYK	0.90, 0.91, 0.00, 0.42
HSL	241°, 84%, 32%
HSV	241°, 91%, 58%
XYZ	5.6862, 2.5275, 28.2051
YIQ	28.9880, -42.1430, 42.4090

Conversions

Conversions Part 2

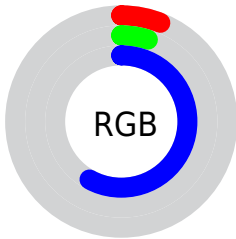
Format	Color
R_{YB}	15, 13, 148
Decimal	986516
CIE _{Lab}	18.04, 48.82, -68.80
CIE _{LCh}	18, 84.359, 305.359
Yxy	2.5275, 0.1561, 0.0694
Android (android.graphics.Color)	4279176596 (0xFF0F0D94)
YUV	28.9880, 58.6729, -12.2675
Hunter-Lab	15.8982, 36.0213, -94.0583

Details

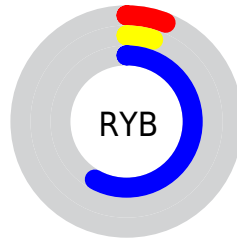
The Hex color **0F0D94** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **92940D**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5C3ECB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **020094**, and if you desaturate by 10%, it is **1E1C94**.

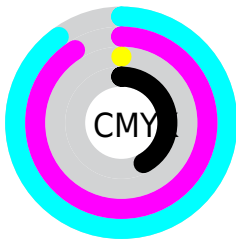
Distribution



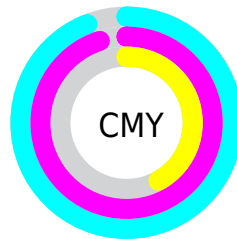
- Red (6%)
- Green (5%)
- Blue (58%)



- Red (6%)
- Yellow (5%)
- Blue (58%)



- Cyan (90%)
- Magenta (91%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0D94 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 0F0D94 by changing the saturation by 10% instead.

0F0D94

0F0D94

FFFAFF

000079

5C3ECB

000060

7A57E8

000847

9871FF

00042F

B58BFF

00011A

D3A6FF

000000

F1C1FF

FFDDFF

0F0D94

0F0D94

■ 020094

■ 1E1C94

■ 2C2B94

■ 3B3994

■ 494894

■ 585794

■ 666694

■ 757594

■ 848394

■ 929294

Harmonies

Analogous

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



0036AC



0F0D94



760061

Triad

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



0F0D94



5D0A00



003F36

Complementary

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



0F0D94



92940D

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.



003D00



0F0D94



2E2E00

Square

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



0F0D94



7E0000



003900



004174

Rectangle

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



0F0D94



880039



003900



003E21

Sweetspot

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



0F0D94



8C8CBF



0D9494



424261



E0E0E0



616161

Same Dimension

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



0F0D94



0300BF



510D94



43434A



02008A



00000A

Inverse Universe

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



940D92



BF00BC



51940D



4A434A



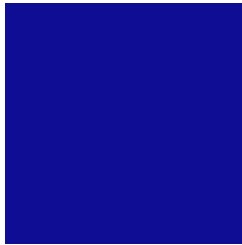
8A0088



0A000A

Previews

White Background



This preview shows how the Hex color 0F0D94 looks on a white background.

Color Contrast Check

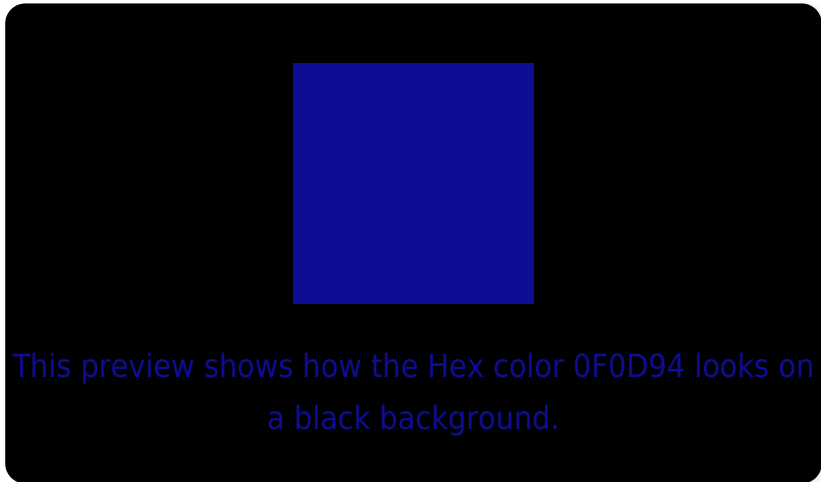
Large Text (above 18pt) WCAG AA ✓ Pass

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

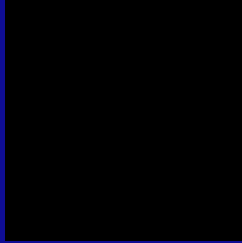
Any Text WCAG AA × Fail

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 0F0D94 Background



This preview shows how black text looks on a background with the Hex color 0F0D94.



This preview shows how white text looks on a background with the Hex color 0F0D94.

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
0F0D94

Protanopia
002D5D

Deuteranopia
00304F



Tritanopia
003336

Trichromacy



Original Color
0F0D94

Protanomaly
052171

Deuteranomaly
052368

Tritanomaly
052558

Monochromacy



Original Color
0F0D94

Achromatopsia
1D1D1D

Achromatomaly
181748

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0D94 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 #0F0D94 looks like.

```
.text, #text, p{  
    color:#0F0D94  
}
```

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 #0F0D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0D94
}
```

Border

The CSS property to change the border of an element to Hex 0F0D94 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
#0F0D94 }
```

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

```
.border{ border-color:#0F0D94 }
```

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

Here you see how a box with a 4 pixel #0F0D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0D94; -webkit-box-shadow:4px 4px  
4px 4px #0F0D94; box-shadow:4px 4px 4px  
4px #0F0D94 }
```

Background

The CSS property to change the background color of an element to Hex 0F0D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0D94 }
```

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

```
.background{ background-color:#0F0D94 }
```

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