

Converting Colors

Hex(0F0D77)

Have a look what the booklet for
Hex(0F0D77) contains.

Hex(0F0D77)	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(0F0D77)

Conversions

Conversions Part 1

Format	Color
Hex	0F0D77
RGB	15, 13, 119
RGB Percent	6%, 5%, 47%
CMY	0.9412, 0.9490, 0.5333
CMYK	0.87, 0.89, 0.00, 0.53
HSL	241°, 80%, 26%
HSV	241°, 89%, 47%
XYZ	3.6707, 1.7213, 17.5915
YIQ	25.6820, -32.8340, 33.3900

Conversions

Conversions Part 2

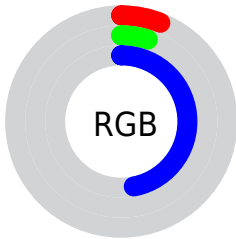
Format	Color
R_{YB}	15, 13, 119
Decimal	986487
CIE _{Lab}	13.95, 39.91, -57.29
CIE _{LCh}	14, 69.820, 304.862
Yxy	1.7213, 0.1597, 0.0749
Android (android.graphics.Color)	4279176567 (0xFF0F0D77)
YUV	25.6820, 46.0058, -9.3681
Hunter-Lab	13.1199, 26.9811, -70.3139

Details

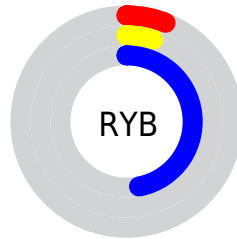
The Hex color **0F0D77** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **75770D**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **533BAC**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **030177**, and if you desaturate by 10%, it is **1B1977**.

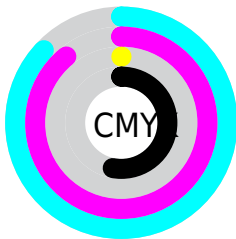
Distribution



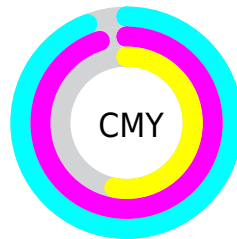
- Red (6%)
- Green (5%)
- Blue (47%)



- Red (6%)
- Yellow (5%)
- Blue (47%)



- Cyan (87%)
- Magenta (89%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (95%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0D77 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 0F0D77 by changing the saturation by 10% instead.

 0F0D77

 0F0D77

 FFF4FF

 00005E

 533BAC

 000045

 7053C8

 00032E

 8C6CE5

 000118

 A886FF

 000000

 C5A0FF

 E3BBFF

 FFD7FF

 0F0D77

 0F0D77

■ 030177

■ 1B1977

■ 020077

■ 262577

■ 323177

■ 3E3D77

■ 494877

■ 555477

■ 616077

■ 6C6C77

■ 787877

Harmonies

Analogous

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



002B8A



0F0D77



5E004E

Triad

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



0F0D77



4C0900



00332B

Complementary

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



0F0D77



75770D

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.



003200



0F0D77



262500

Square

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



0F0D77



660000



002E00



00355C

Rectangle

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



0F0D77



6D002E



002E00



003319

Sweetspot

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



0F0D77



72729C



0D7577



36364F



CFCFCF



4F4F4F

Same Dimension

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



0F0D77



03009C



440D77



35353B



02007A



0500FA

Inverse Universe

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



770D75



9C0099



40770D



3B353B



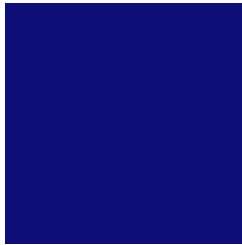
7A0078



FA00F5

Previews

White Background



This preview shows how the Hex color 0F0D77 looks on a white background.

Color Contrast Check

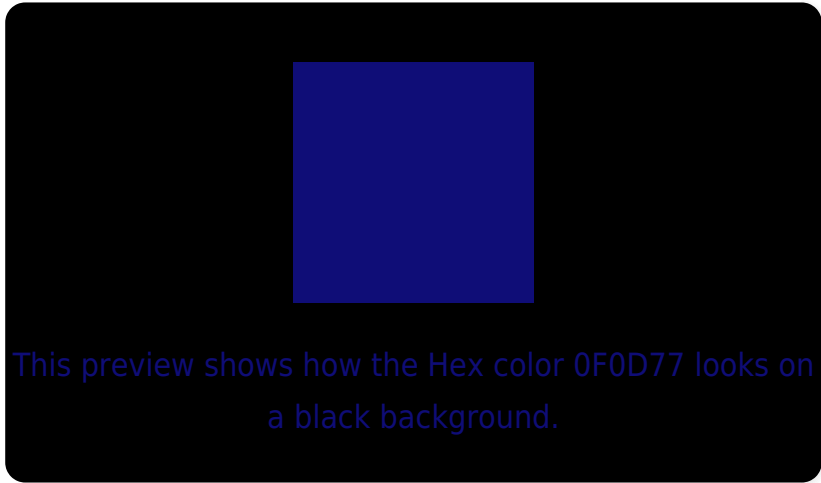
Large Text (above 18pt) WCAG AA ✓ Pass

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

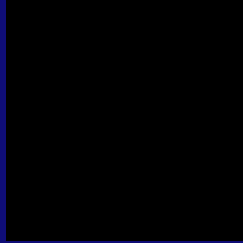
Any Text WCAG AA × Fail

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 0F0D77 Background



This preview shows how black text looks on a background with the Hex color 0F0D77.



This preview shows how white text looks on a background with the Hex color 0F0D77.

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
0F0D77

Protanopia
00244C

Deuteranopia
002741

Trichromacy



Original Color

0F0D77

Protanomaly

051C5C

Deuteranomaly

051E55

Tritanomaly

051F47

Monochromacy



Original Color

0F0D77

Achromatopsia

1A1A1A

Achromatomaly

16153C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0D77 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 #0F0D77 looks like.

```
.text, #text, p{  
    color:#0F0D77  
}
```

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 #0F0D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0D77
}
```

Border

The CSS property to change the border of an element to Hex 0F0D77 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
#0F0D77 }
```

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

```
.border{ border-color:#0F0D77 }
```

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

Here you see how a box with a 4 pixel #0F0D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0D77; -webkit-box-shadow:4px 4px  
4px 4px #0F0D77; box-shadow:4px 4px 4px  
4px #0F0D77 }
```

Background

The CSS property to change the background color of an element to Hex 0F0D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0D77 }
```

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

```
.background{ background-color:#0F0D77 }
```

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