

Converting Colors

Hex(0F0073)

Have a look what the booklet for
Hex(0F0073) contains.

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Color

Hex(0F0073)

Conversions

Conversions Part 1

Format	Color
Hex	0F0073
RGB	15, 0, 115
RGB Percent	6%, 0%, 45%
CMY	0.9412, 1.0000, 0.5490
CMYK	0.87, 1.00, 0.00, 0.55
HSL	248°, 100%, 23%
HSV	248°, 100%, 45%
XYZ	3.2915, 1.3394, 16.3047
YIQ	17.5950, -27.9750, 38.9450

Conversions

Conversions Part 2

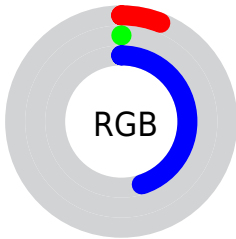
Format	Color
R_{YB}	15, 0, 115
Decimal	983155
CIE _{Lab}	11.55, 44.23, -58.71
CIE _{LCh}	12, 73.508, 306.996
Yxy	1.3394, 0.1572, 0.0640
Android (android.graphics.Color)	4279173235 (0xFF0F0073)
YUV	17.5950, 48.0207, -2.2758
Hunter-Lab	11.5731, 30.5145, -75.4293

Details

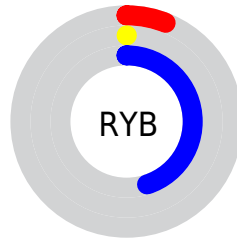
The Hex color **0F0073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **647300**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **5331A8**, and **000141** is the 20% darker color. If you saturate the color by 10%, you get **0F0073**, and if you desaturate by 10%, it is **190B73**.

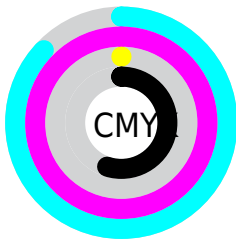
Distribution



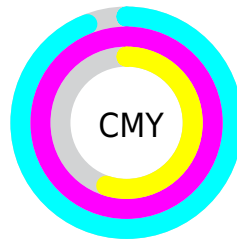
- Red (6%)
- Green (0%)
- Blue (45%)



- Red (6%)
- Yellow (0%)
- Blue (45%)



- Cyan (87%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (94%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F0073 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 0F0073 by changing the saturation by 10% instead.


 0F0073

 0F0073

 FFEAFF

 00005A

 5331A8

 000141

 6F49C4

 00032A

 8C62E0

 000114

 A87CFE

 000000

 C596FF

 E3B1FF

 FFCDFD

 0F0073

■ 190B73

■ 231773

■ 2D2373

■ 372E73

■ 413A73

■ 4B4573

■ 555173

■ 5F5C73

■ 696873

Harmonies

Analogous

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



002689



0F0073



5D0047

Triad

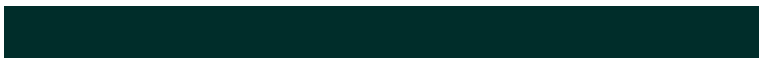
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F0073



440500



002D2A

Complementary

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



0F0073



647300

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.



002C00



0F0073



1D2100

Square

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



0F0073



600000



002B00



00305D

Rectangle

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



0F0073



6A0026



002B00



002C18

Sweetspot

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



0F0073



6F6996



006673



35314D



CCCCCC



4D4D4D

Same Dimension

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



0F0073



140096



470073



36353B



10007A



2100FA

Inverse Universe

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



730064



960083



2C7300



3B353A



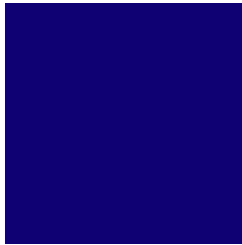
7A006A



FA00D9

Previews

White Background



This preview shows how the Hex color 0F0073 looks on a white background.

Color Contrast Check

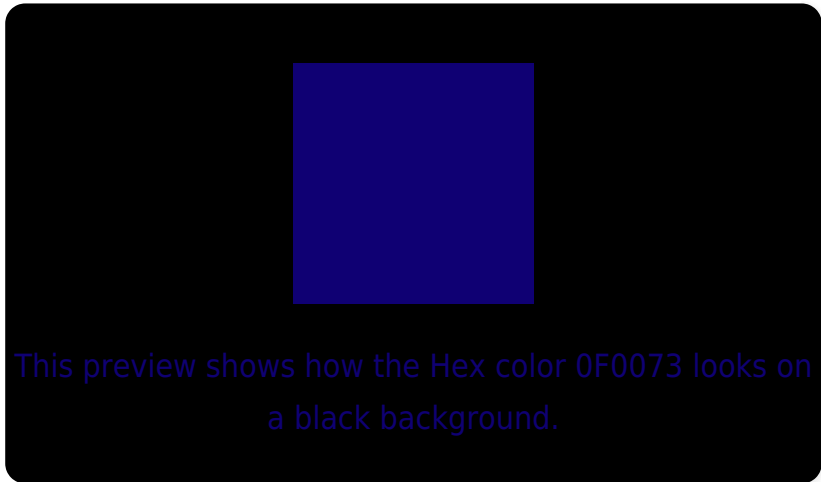
Large Text (above 18pt) WCAG AA ✓ Pass

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

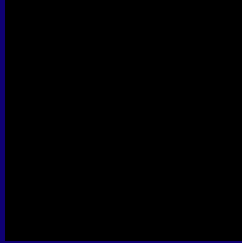
Any Text WCAG AA × Fail

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 0F0073 Background



This preview shows how black text looks on a background with the Hex color 0F0073.



This preview shows how white text looks on a background with the Hex color 0F0073.

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
0F0073

Protanopia
002248

Deuteranopia
00243D

Trichromacy



Original Color
0F0073

Protanomaly
051658

Deuteranomaly
051751

Tritanomaly
051944

Monochromacy



Original Color
0F0073

Achromatopsia
121212

Achromatomaly
110B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F0073 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 #0F0073 looks like.

```
.text, #text, p{  
    color:#0F0073  
}
```

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 #0F0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0073
}
```

Border

The CSS property to change the border of an element to Hex 0F0073 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".

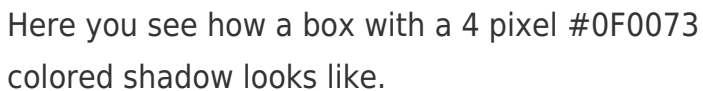
```
.border, #border, table{ border:4px solid
#0F0073 }
```

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

```
.border{ border-color:#0F0073 }
```

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

Here you see how a box with a 4 pixel #0F0073 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0073; -webkit-box-shadow:4px 4px  
4px 4px #0F0073; box-shadow:4px 4px 4px  
4px #0F0073 }
```

Background

The CSS property to change the background color of an element to Hex 0F0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0073 }
```

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

```
.background{ background-color:#0F0073 }
```

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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