

Converting Colors

Hex(0C0690)

Have a look what the booklet for
Hex(0C0690) contains.

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Color

Hex(0C0690)

Conversions

Conversions Part 1

Format	Color
Hex	0C0690
RGB	12, 6, 144
RGB Percent	5%, 2%, 56%
CMY	0.9529, 0.9765, 0.4353
CMYK	0.92, 0.96, 0.00, 0.44
HSL	243°, 92%, 29%
HSV	243°, 96%, 56%
XYZ	5.2508, 2.2220, 26.5377
YIQ	23.5260, -40.7220, 44.1900

Conversions

Conversions Part 2

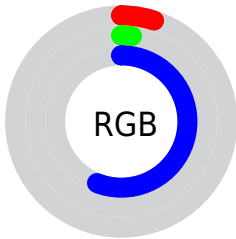
Format	Color
R_{YB}	12, 6, 144
Decimal	788112
CIE _{Lab}	16.61, 49.86, -68.70
CIE _{LCh}	17, 84.888, 305.970
Yxy	2.2220, 0.1544, 0.0653
Android (android.graphics.Color)	4278978192 (0xFF0C0690)
YUV	23.5260, 59.3937, -10.1083
Hunter-Lab	14.9065, 36.7901, -95.1183

Details

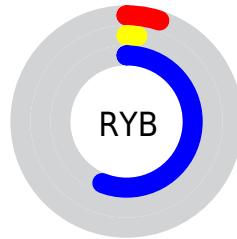
The Hex color **0C0690** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8A9006**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **5A3AC7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **060090**, and if you desaturate by 10%, it is **1A1490**.

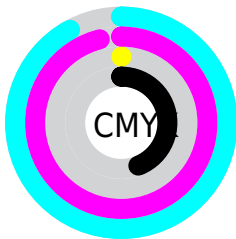
Distribution



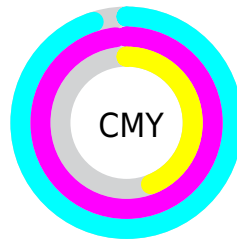
- Red (5%)
- Green (2%)
- Blue (56%)



- Red (5%)
- Yellow (2%)
- Blue (56%)



- Cyan (92%)
- Magenta (96%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C0690 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 0C0690 by changing the saturation by 10% instead.

 0C0690

 0C0690


 FFF5FF

 000075

 5A3AC7

 00005C

 7952E4

 000743

 966CFF

 00032C

 B486FF

 000116

 D1A1FF

 000000

 F0BCFF

 FFD8FF

 0C0690

 0C0690

■ 060090

■ 1A1490

■ 282390

■ 353190

■ 434090

■ 514E90

■ 5F5C90

■ 6C6B90

■ 7A7990

■ 888890

Harmonies

Analogous

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



0033A9



0C0690



73005C

Triad

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



0C0690



580700



003B35

Complementary

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



0C0690



8A9006

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.



003A00



0C0690



292C00

Square

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



0C0690



790000



003600



003E72

Rectangle

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



0C0690



840034



003600



003A1F

Sweetspot

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



0C0690



8784BA



068B90



3F3D5E



DEDEDE



5E5E5E

Same Dimension

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



0C0690



0800BA



500690



414047



060087



000008

Inverse Universe

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



90068A



BA00B2



469006



474047



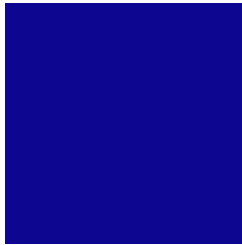
870081



080007

Previews

White Background



This preview shows how the Hex color 0C0690 looks on a white background.

Color Contrast Check

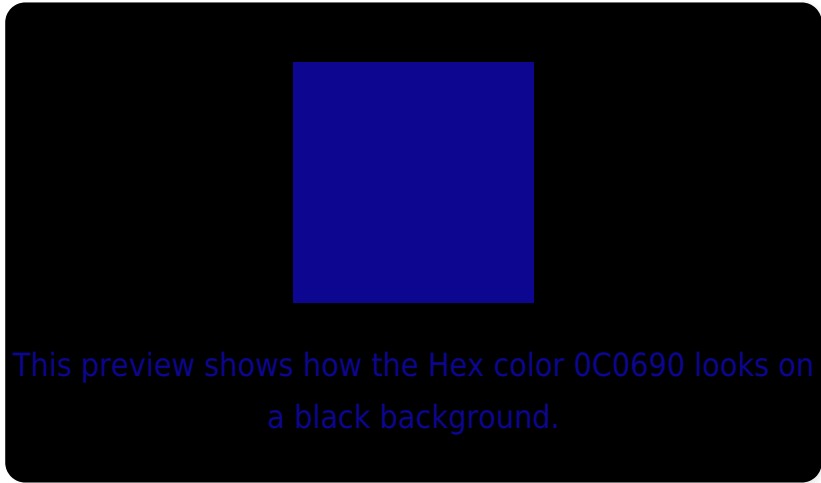
Large Text (above 18pt) WCAG AA ✓ Pass

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

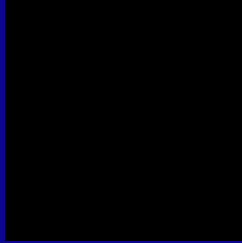
Any Text WCAG AA × Fail

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 0C0690 Background



This preview shows how black text looks on a background with the Hex color 0C0690.



This preview shows how white text looks on a background with the Hex color 0C0690.

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
0C0690

Protanopia
002A59

Deuteranopia
002D4B

Trichromacy



Original Color
0C0690

Protanomaly
041D6D

Deuteranomaly
041F64

Tritanomaly
042155

Monochromacy



Original Color
0C0690

Achromatopsia
181818

Achromatomaly
141144

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C0690 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 #0C0690 looks like.

```
.text, #text, p{  
    color:#0C0690  
}
```

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 #0C0690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C0690
}
```

Border

The CSS property to change the border of an element to Hex 0C0690 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".

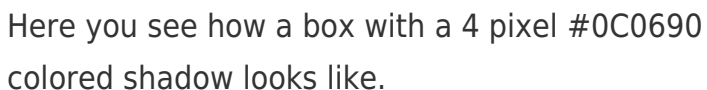
```
.border, #border, table{ border:4px solid
#0C0690 }
```

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

```
.border{ border-color:#0C0690 }
```

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

Here you see how a box with a 4 pixel #0C0690 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C0690; -webkit-box-shadow:4px 4px  
4px 4px #0C0690; box-shadow:4px 4px 4px  
4px #0C0690 }
```

Background

The CSS property to change the background color of an element to Hex 0C0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C0690 }
```

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

```
.background{ background-color:#0C0690 }
```

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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