

# Converting Colors

Hex(070791)

Have a look what the booklet for  
Hex(070791) contains.

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# Color

**Hex(070791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	070791
RGB	7, 7, 145
RGB Percent	3%, 3%, 57%
CMY	0.9725, 0.9725, 0.4314
CMYK	0.95, 0.95, 0.00, 0.43
HSL	240°, 91%, 30%
HSV	240°, 95%, 57%
XYZ	5.2744, 2.2415, 26.9427
YIQ	22.7320, -44.2980, 42.9180

# Conversions

## Conversions Part 2

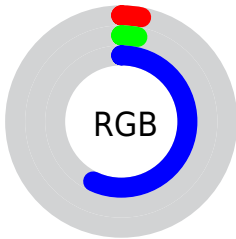
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 7, 145
Decimal	460689
CIE <sub>Lab</sub>	16.71, 49.74, -69.17
CIE <sub>LCh</sub>	17, 85.196, 305.718
Yxy	2.2415, 0.1531, 0.0650
Android (android.graphics.Color)	4278650769 (0xFF070791)
YUV	22.7320, 60.2781, -13.7970
Hunter-Lab	14.9715, 36.6851, -96.2181

# Details

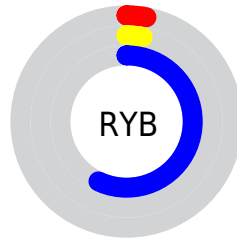
The Hex color **070791** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **919107**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **593AC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **000091**, and if you desaturate by 10%, it is **161691**.

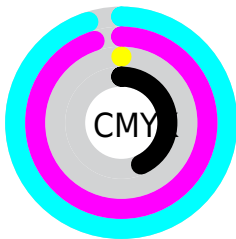
# Distribution



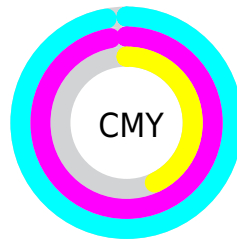
- Red (3%)
- Green (3%)
- Blue (57%)



- Red (3%)
- Yellow (3%)
- Blue (57%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (97%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 070791 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 070791 by changing the saturation by 10% instead.



■ 070791

■ 070791

■ FFF6FF

■ 000076

■ 593AC8

■ 00005D

■ 7853E5

■ 000744

■ 956CFF

■ 00032D

■ B386FF

■ 000117

■ D1A1FF

■ 000000

■ EFBDFE

■ FFD9FF

■ 070791

■ 070791

000091

161691

242491

333391

414191

505091

5E5E91

6D6D91

7B7B91

8A8A91

# Harmonies

## Analogous

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



0033AA



070791



73005D

# Triad

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



070791



590600



003B34

# Complementary

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



070791



919107

# 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



070791



2A2C00

# Square

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



070791



7A0000



003600



003E72

# Rectangle

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



070791



850035



003600



003A1F



# Sweetspot

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



070791



8686BD



079191



3D3D5E



DEDEDE



5E5E5E



# Same Dimension

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



070791



0000BD



4C0791



404047



000087



000008



# Inverse Universe

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



910791



BD00BD



4C9107



474047



870087

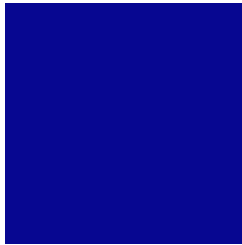


080008



# Previews

## White Background



This preview shows how the Hex color 070791 looks on a white background.

## Color Contrast Check

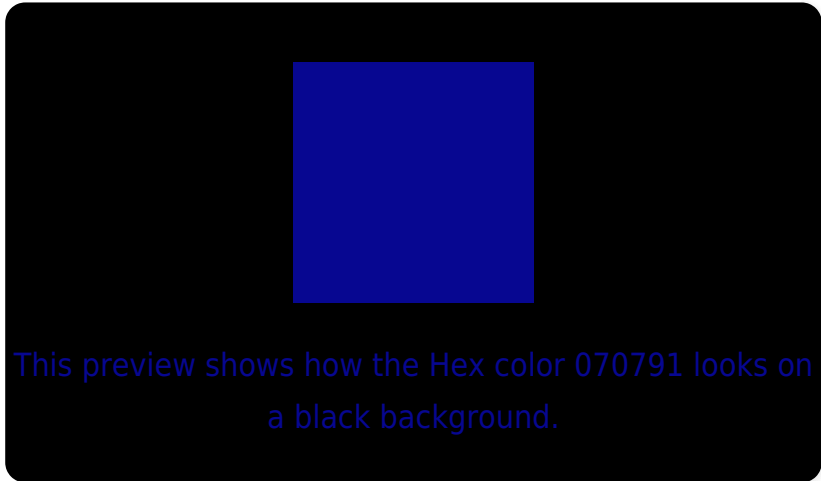
Large Text (above 18pt) WCAG AA ✓ Pass

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

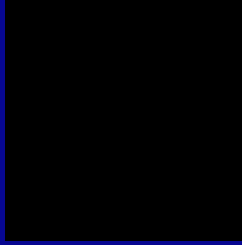
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 070791 Background



This preview shows how black text looks on a background with the Hex color 070791.



This preview shows how white text looks on a background with the Hex color 070791.

# 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**  
070791

**Protanopia**  
002B59

**Deuteranopia**  
002E4C



# Trichromacy



**Original Color**  
070791

**Protanomaly**  
031E6D

**Deuteranomaly**  
032065

**Tritanomaly**  
032255

# Monochromacy



**Original Color**  
070791

**Achromatopsia**  
171717

**Achromatomaly**  
111143

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 070791 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 #070791 looks like.

```
.text, #text, p{  
    color:#070791  
}
```

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 #070791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070791
}
```

## Border

The CSS property to change the border of an element to Hex 070791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

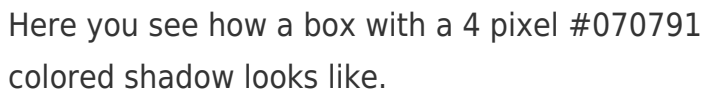
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070791 }
```

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

```
.border{ border-color:#070791 }
```

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



Here you see how a box with a 4 pixel #070791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070791; -webkit-box-shadow:4px 4px  
4px 4px #070791; box-shadow:4px 4px 4px  
4px #070791 }
```

# Background

The CSS property to change the background color of an element to Hex 070791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070791 }
```

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

```
.background{ background-color:#070791 }
```

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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