

# Converting Colors

Hex(070060)

Have a look what the booklet for  
Hex(070060) contains.

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# Color

**Hex(070060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	070060
RGB	7, 0, 96
RGB Percent	3%, 0%, 38%
CMY	0.9725, 1.0000, 0.6235
CMYK	0.93, 1.00, 0.00, 0.62
HSL	244°, 100%, 19%
HSV	244°, 100%, 38%
XYZ	2.1989, 0.8897, 11.1222
YIQ	13.0370, -26.6440, 31.3400

# Conversions

## Conversions Part 2

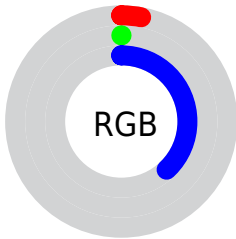
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 0, 96
Decimal	458848
CIE Lab	8.04, 38.87, -52.05
CIE LCh	8, 64.959, 306.749
Yxy	0.8897, 0.1547, 0.0626
Android (android.graphics.Color)	4278648928 (0xFF070060)
YUV	13.0370, 40.9008, -5.2944
Hunter-Lab	9.4324, 25.1065, -63.3089

# Details

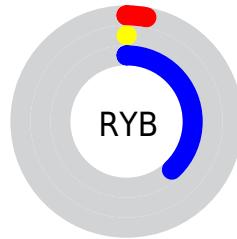
The Hex color **070060** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **596000**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4A2D94**, and **000430** is the 20% darker color. If you saturate the color by 10%, you get **070060**, and if you desaturate by 10%, it is **100A60**.

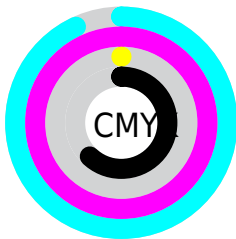
# Distribution



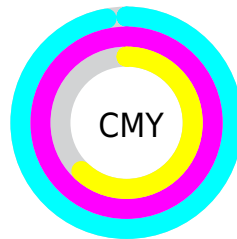
- Red (3%)
- Green (0%)
- Blue (38%)



- Red (3%)
- Yellow (0%)
- Blue (38%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 070060 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 070060 by changing the saturation by 10% instead.



 070060

 070060

 FFE3FF

 000048

 4A2D94

 000430

 6545AF

 00011A

 815DCB

 000000

 9D76E7

 B990FF

 D6ABFF

 F4C7FF

 070060

■ 100A60

■ 191360

■ 221D60

■ 2B2660

■ 343060

■ 3C3A60

■ 454360

■ 4E4D60

■ 575660

# Harmonies

## Analogous

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



001E73



070060



4C003B

# Triad

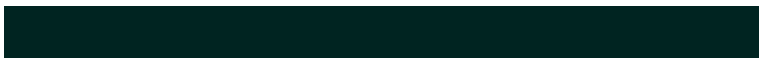
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



070060



380300



002421

# Complementary

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



070060



596000

# 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.



002300



070060



151A00

# Square

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



070060



500000



002300



00264C

# Rectangle

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



070060



58001F



002300



002311



# Sweetspot

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



070060



5A577D



005A60



2A2940



BFBFBF



404040



# Same Dimension

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



070060



09007D



360060



2C2C30



080070



1100F0



# Inverse Universe

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



600059



7D0074



2A6000



302C30



700068

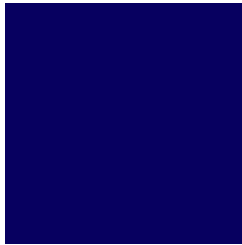


F000DE



# Previews

## White Background



This preview shows how the Hex color 070060 looks on a white background.

## Color Contrast Check

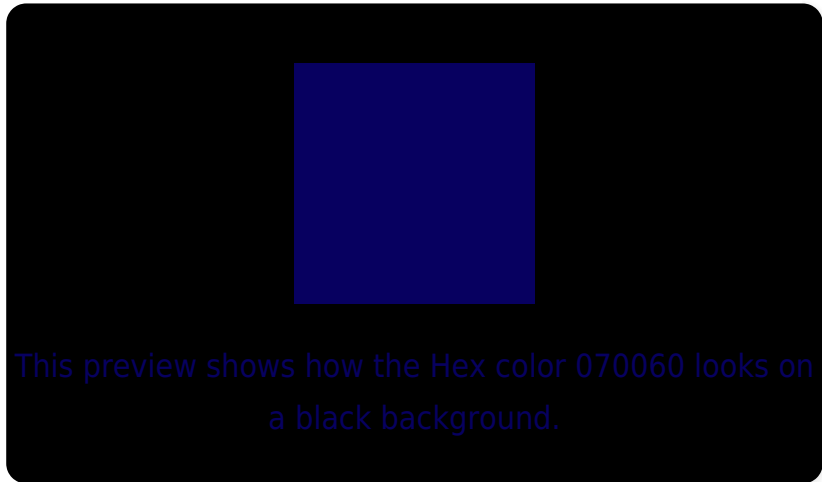
Large Text (above 18pt) WCAG AA ✓ Pass

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

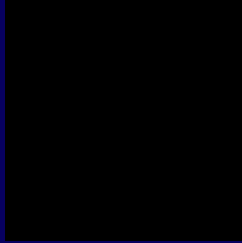
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 070060 Background



This preview shows how black text looks on a background with the Hex color 070060.



This preview shows how white text looks on a background with the Hex color 070060.

# 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**  
070060

**Protanopia**  
001C3B

**Deuteranopia**  
001E32



# Trichromacy



**Original Color**  
070060

**Protanomaly**  
031248

**Deuteranomaly**  
031343

**Tritanomaly**  
031439

# Monochromacy



**Original Color**  
070060

**Achromatopsia**  
0D0D0D

**Achromatomaly**  
0B082B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 070060 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 #070060 looks like.

```
.text, #text, p{  
    color:#070060  
}
```

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 #070060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070060
}
```

## Border

The CSS property to change the border of an element to Hex 070060 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
#070060 }
```

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

```
.border{ border-color:#070060 }
```

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

Here you see how a box with a 4 pixel #070060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070060; -webkit-box-shadow:4px 4px  
4px 4px #070060; box-shadow:4px 4px 4px  
4px #070060 }
```

# Background

The CSS property to change the background color of an element to Hex 070060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070060 }
```

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

```
.background{ background-color:#070060 }
```

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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