

Converting Colors

Hex(070027)

Have a look what the booklet for
Hex(070027) contains.

Hex(070027)	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(070027)

Conversions

Conversions Part 1

Format	Color
Hex	070027
RGB	7, 0, 39
RGB Percent	3%, 0%, 15%
CMY	0.9725, 1.0000, 0.8471
CMYK	0.82, 1.00, 0.00, 0.85
HSL	251°, 100%, 8%
HSV	251°, 100%, 15%
XYZ	0.4538, 0.1917, 1.9325
YIQ	6.5390, -8.3470, 13.6130

Conversions

Conversions Part 2

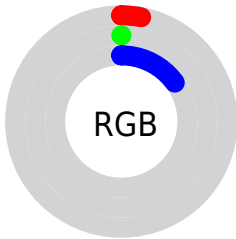
Format	Color
RYB	7, 0, 39
Decimal	458791
CIELab	1.73, 11.13, -21.60
CIELCh	2, 24.297, 297.260
Yxy	0.1917, 0.1760, 0.0743
Android (android.graphics.Color)	4278648871 (0xFF070027)
YUV	6.5390, 16.0033, 0.4043
Hunter-Lab	4.3778, 10.8431, -23.1082

Details

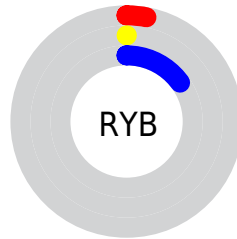
The Hex color **070027** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **202700**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **323054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **070027**, and if you desaturate by 10%, it is **0A0427**.

Distribution



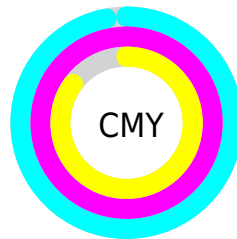
- Red (3%)
- Green (0%)
- Blue (15%)



- Red (3%)
- Yellow (0%)
- Blue (15%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (97%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 070027 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 070027 by changing the saturation by 10% instead.

 070027

 070027

 E9E2FF

 000111

 323054

 000000

 4A466C

 625E86

 7C77A0

 9690BB

 B1ABD7

 CCC6F4

 070027

■ 0A0427

■ 0D0827

■ 110C27

■ 141027

■ 171427

■ 1A1727

■ 1D1B27

■ 211F27

■ 242327

Harmonies

Analogous

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



000A2A



070027



1F001D

Triad

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



070027



1F0000



000C03

Complementary

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



070027



202700

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.



000C00



070027



0D0500

Square

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



070027



270000



000C00



000D1A

Rectangle

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



070027



250012



000C00

Sweetspot

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



070027



262433



002027



12101A



999999



1A1A1A

Same Dimension

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



070027



090033



1A0027



131214



0F0054



2600D4

Inverse Universe

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



270020



33002A



0D2700



141214



540045



D400AE

Previews

White Background



This preview shows how the Hex color 070027 looks on a white background.

Color Contrast Check

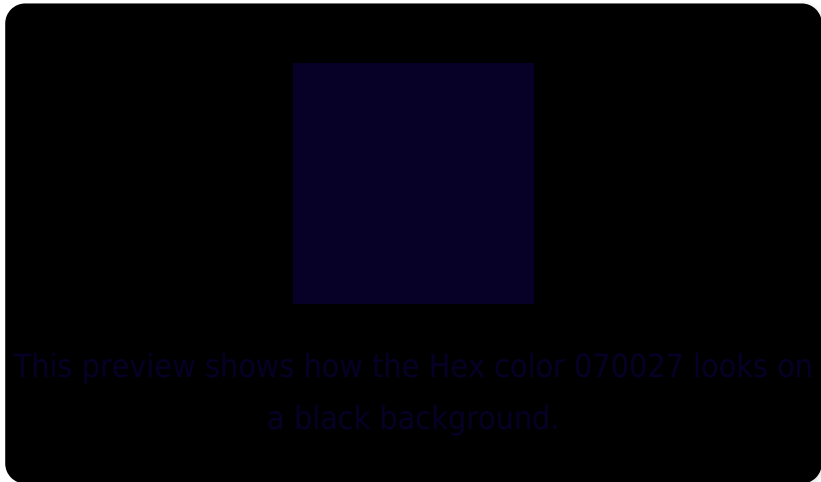
Large Text (above 18pt) WCAG AA ✓ Pass

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

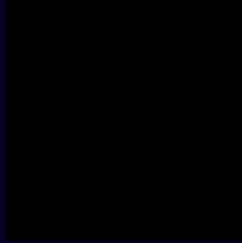
Any Text WCAG AA × Fail

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 070027 Background



This preview shows how black text looks on a background with the Hex color 070027.



This preview shows how white text looks on a background with the Hex color 070027.

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](#).

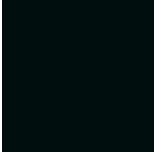
Dichromacy



Original Color
070027

Protanopia
000C19

Deuteranopia
000D15



Tritanopia
000E0E

Trichromacy



Original Color
070027

Protanomaly
03081E

Deuteranomaly
03081C

Tritanomaly
030917

Monochromacy



Original Color
070027

Achromatopsia
070707

Achromatomaly
070413

CSS Examples

Text

The CSS property to change the color of the text to Hex 070027 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 #070027 looks like.

```
.text, #text, p{  
    color:#070027  
}
```

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 #070027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070027
}
```

Border

The CSS property to change the border of an element to Hex 070027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

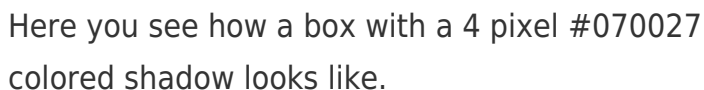
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070027 }
```

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

```
.border{ border-color:#070027 }
```

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



Here you see how a box with a 4 pixel #070027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070027; -webkit-box-shadow:4px 4px  
4px 4px #070027; box-shadow:4px 4px 4px  
4px #070027 }
```

Background

The CSS property to change the background color of an element to Hex 070027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070027 }
```

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

```
.background{ background-color:#070027 }
```

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