

Converting Colors

Hex(070C37)

Have a look what the booklet for
Hex(070C37) contains.

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Color

Hex(070C37)

Conversions

Conversions Part 1

Format	Color
Hex	070C37
RGB	7, 12, 55
RGB Percent	3%, 5%, 22%
CMY	0.9725, 0.9529, 0.7843
CMYK	0.87, 0.78, 0.00, 0.78
HSL	234°, 77%, 12%
HSV	234°, 87%, 22%
XYZ	0.9087, 0.5840, 3.6793
YIQ	15.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

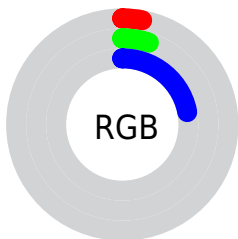
Format	Color
RYB	7, 12, 55
Decimal	461879
CIELab	5.27, 14.42, -27.98
CIELCh	5, 31.475, 297.263
Yxy	0.5840, 0.1757, 0.1129
Android (android.graphics.Color)	4278651959 (0xFF070C37)
YUV	15.4070, 19.5193, -7.3729
Hunter-Lab	7.6417, 7.8528, -23.1973

Details

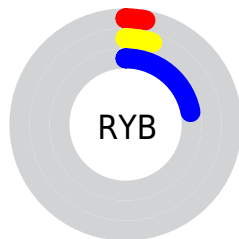
The Hex color **070C37** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **373207**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **383766**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **020737**, and if you desaturate by 10%, it is **0D1137**.

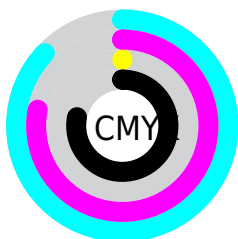
Distribution



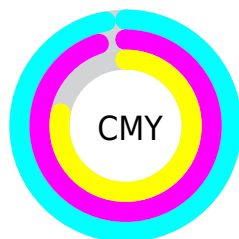
- Red (3%)
- Green (5%)
- Blue (22%)



- Red (3%)
- Yellow (5%)
- Blue (22%)



- Cyan (87%)
- Magenta (78%)
- Yellow (0%)
- Black (78%)



- Cyan (97%)
- Magenta (95%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 070C37 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 070C37 by changing the saturation by 10% instead.

070C37

070C37

F3EBFF

000221

383766

000006

514D80

000000

6A659A

847EB5

9F98D0

BAB3ED

D6CEFF

070C37

070C37

■ 020737

■ 0D1137

■ 000637

■ 121637

■ 181B37

■ 1D2037

■ 232537

■ 282A37

■ 2E2E37

■ 333337

■ 393837

Harmonies

Analogous

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



00153C



070C37



280029

Triad

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



070C37



2A0500



001B0E

Complementary

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



070C37



373207

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.



001B00



070C37



1A1000

Square

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



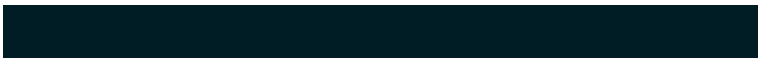
070C37



330000



001800



001C24

Rectangle

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



070C37



31001C



001800



001B01

Sweetspot

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



070C37



353747



073731



191A24



A3A3A3



242424

Same Dimension

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



070C37



000747



190737



191A1C



000A5C



0017DB

Inverse Universe

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



37070C



470007



253707



1C191A



5C000A



DB0017

Previews

White Background



This preview shows how the Hex color 070C37 looks on a white background.

Color Contrast Check

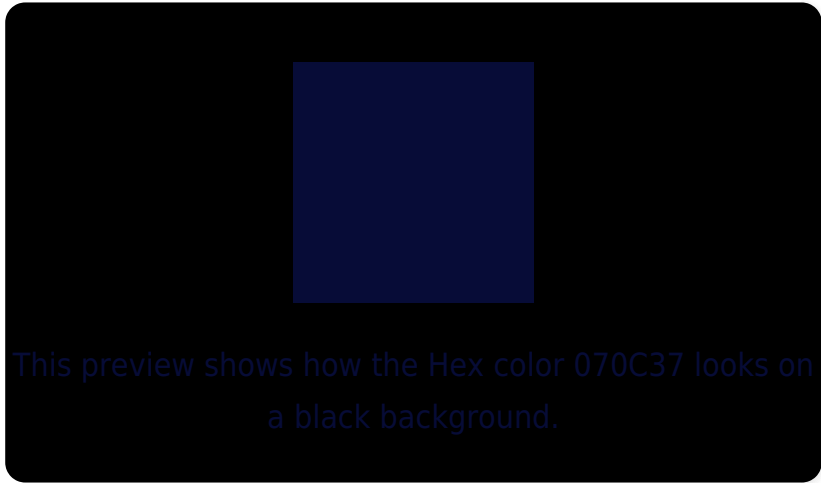
Large Text (above 18pt) WCAG AA ✓ Pass

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

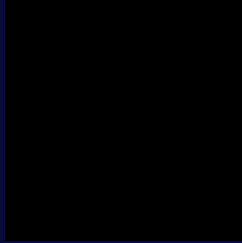
Any Text WCAG AA × Fail

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 070C37 Background



This preview shows how black text looks on a background with the Hex color 070C37.



This preview shows how white text looks on a background with the Hex color 070C37.

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
070C37

Protanopia
001327

Deuteranopia
001421



Tritanopia
001516

Trichromacy



Original Color
070C37

Protanomaly
03102D

Deuteranomaly
031129

Tritanomaly
031222

Monochromacy



Original Color
070C37

Achromatopsia
0F0F0F

Achromatomaly
0C0E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 070C37 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 #070C37 looks like.

```
.text, #text, p{  
    color:#070C37  
}
```

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 #070C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070C37
}
```

Border

The CSS property to change the border of an element to Hex 070C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

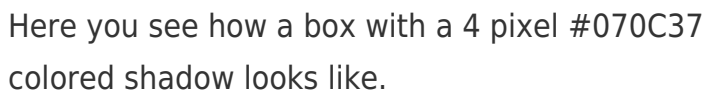
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070C37 }
```

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

```
.border{ border-color:#070C37 }
```

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



Here you see how a box with a 4 pixel #070C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070C37; -webkit-box-shadow:4px 4px  
4px 4px #070C37; box-shadow:4px 4px 4px  
4px #070C37 }
```

Background

The CSS property to change the background color of an element to Hex 070C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070C37 }
```

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

```
.background{ background-color:#070C37 }
```

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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