

Converting Colors

Hex(070E45)

Have a look what the booklet for
Hex(070E45) contains.

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Color

Hex(070E45)

Conversions

Conversions Part 1

Format	Color
Hex	070E45
RGB	7, 14, 69
RGB Percent	3%, 5%, 27%
CMY	0.9725, 0.9451, 0.7294
CMYK	0.90, 0.80, 0.00, 0.73
HSL	233°, 82%, 15%
HSV	233°, 90%, 27%
XYZ	1.3188, 0.7889, 5.7130
YIQ	18.1770, -21.8270, 15.6210

Conversions

Conversions Part 2

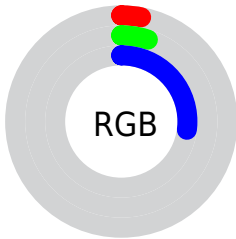
Format	Color
RYB	7, 13, 69
Decimal	462405
CIELab	7.13, 20.47, -35.00
CIELCh	7, 40.546, 300.317
Yxy	0.7889, 0.1686, 0.1009
Android (android.graphics.Color)	4278652485 (0xFF070E45)
YUV	18.1770, 25.0557, -9.8022
Hunter-Lab	8.8821, 10.9605, -31.9180

Details

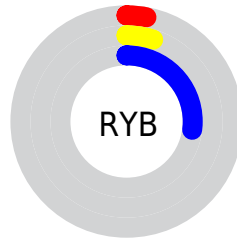
The Hex color **070E45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453E07**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3E3876**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **000845**, and if you desaturate by 10%, it is **0E1445**.

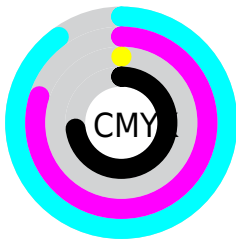
Distribution



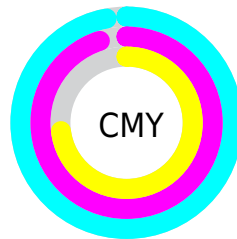
- Red (3%)
- Green (5%)
- Blue (27%)



- Red (3%)
- Yellow (5%)
- Blue (27%)



- Cyan (90%)
- Magenta (80%)
- Yellow (0%)
- Black (73%)



- Cyan (97%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 070E45 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 070E45 by changing the saturation by 10% instead.

070E45

070E45

FDECFE

00002E

3E3876

000119

584F90

000000

7267AB

8C80C6

A79AE2

C3B5FF

E0D0FF

070E45

070E45

■ 000845

■ 0E1445

■ 151A45

■ 1C2045

■ 232645

■ 2A2D45

■ 303345

■ 373945

■ 3E3F45

■ 454545

Harmonies

Analogous

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



001A4D



070E45



340031

Triad

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



070E45



310700



002115

Complementary

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



070E45



453E07

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.



002000



070E45



1D1500

Square

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



070E45



3E0000



001D00



002230

Rectangle

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



070E45



3E0020



001D00



002108

Sweetspot

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



070E45



414459



07453E



1F212E



ADADAD



2E2E2E

Same Dimension

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



070E45



000A59



1F0745



202124



000B63



001AE3

Inverse Universe

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



45070E



59000A



2D4507



242021



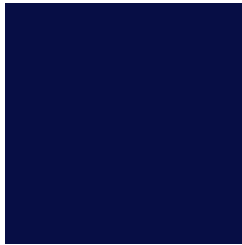
63000B



E3001A

Previews

White Background



This preview shows how the Hex color 070E45 looks on a white background.

Color Contrast Check

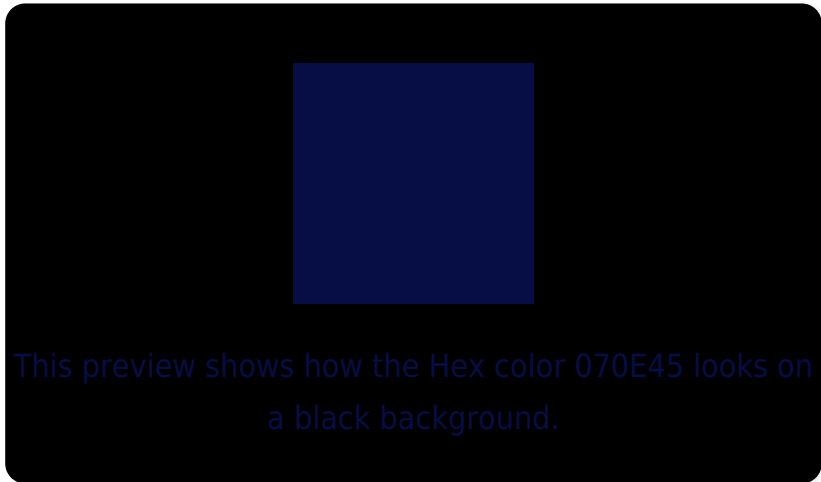
Large Text (above 18pt) WCAG AA ✓ Pass

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

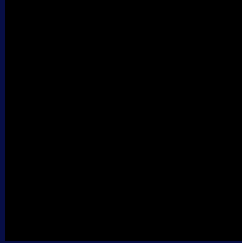
Any Text WCAG AA × Fail

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 070E45 Background



This preview shows how black text looks on a background with the Hex color 070E45.



This preview shows how white text looks on a background with the Hex color 070E45.

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
070E45

Protanopia
001730

Deuteranopia
001829

Trichromacy



Original Color
070E45

Protanomaly
031438

Deuteranomaly
031433

Tritanomaly
03162B

Monochromacy



Original Color
070E45

Achromatopsia
121212

Achromatomaly
0E1125

CSS Examples

Text

The CSS property to change the color of the text to Hex 070E45 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 #070E45 looks like.

```
.text, #text, p{  
    color:#070E45  
}
```

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 #070E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070E45
}
```

Border

The CSS property to change the border of an element to Hex 070E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

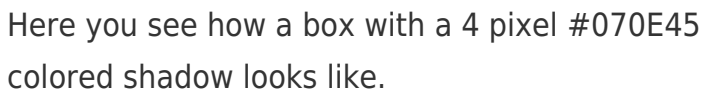
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070E45 }
```

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

```
.border{ border-color:#070E45 }
```

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



Here you see how a box with a 4 pixel #070E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070E45; -webkit-box-shadow:4px 4px  
4px 4px #070E45; box-shadow:4px 4px 4px  
4px #070E45 }
```

Background

The CSS property to change the background color of an element to Hex 070E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070E45 }
```

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

```
.background{ background-color:#070E45 }
```

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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