

Converting Colors

Hex(070A58)

Have a look what the booklet for
Hex(070A58) contains.

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Color

Hex(070A58)

Conversions

Conversions Part 1

Format	Color
Hex	070A58
RGB	7, 10, 88
RGB Percent	3%, 4%, 35%
CMY	0.9725, 0.9608, 0.6549
CMYK	0.92, 0.89, 0.00, 0.65
HSL	238°, 85%, 19%
HSV	238°, 92%, 35%
XYZ	1.9576, 0.9668, 9.3160
YIQ	17.9950, -26.8260, 23.6220

Conversions

Conversions Part 2

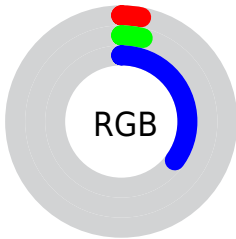
Format	Color
RYB	7, 10, 88
Decimal	461400
CIELab	8.71, 30.54, -45.52
CIElCh	9, 54.817, 303.856
Yxy	0.9668, 0.1599, 0.0790
Android (android.graphics.Color)	4278651480 (0xFF070A58)
YUV	17.9950, 34.5125, -9.6426
Hunter-Lab	9.8328, 18.3304, -49.2908

Details

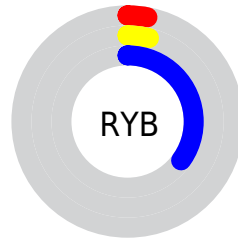
The Hex color **070A58** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **585507**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **46358B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **000358**, and if you desaturate by 10%, it is **101258**.

Distribution



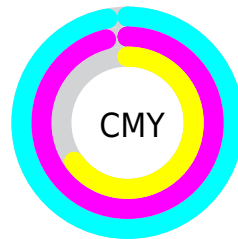
- Red (3%)
- Green (4%)
- Blue (35%)



- Red (3%)
- Yellow (4%)
- Blue (35%)



- Cyan (92%)
- Magenta (89%)
- Yellow (0%)
- Black (65%)



- Cyan (97%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 070A58 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 070A58 by changing the saturation by 10% instead.

070A58

070A58

FFEBFF

000040

46358B

000329

614CA6

000113

7C65C1

000000

977EDD

B398FA

CFB3FF

ECCFFF

070A58

070A58

■ 000358

■ 101258

■ 191B58

■ 212358

■ 2A2C58

■ 333458

■ 3C3D58

■ 454558

■ 4D4E58

■ 565658

Harmonies

Analogous

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



001F65



070A58



44003A

Triad

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



070A58



380600



00251D

Complementary

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



070A58



585507

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.



002500



070A58



1C1A00

Square

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



070A58



4C0000



002300



002742

Rectangle

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



070A58



500022



002300



00250F

Sweetspot

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



070A58



535473



075854



27273B



BABABA



3B3B3B

Same Dimension

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



070A58



000473



2B0758



27272B



00046B



0009EB

Inverse Universe

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



58070A



730004



345807



2B2727



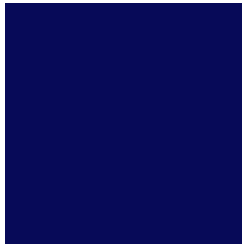
6B0004



EB0009

Previews

White Background



This preview shows how the Hex color 070A58 looks on a white background.

Color Contrast Check

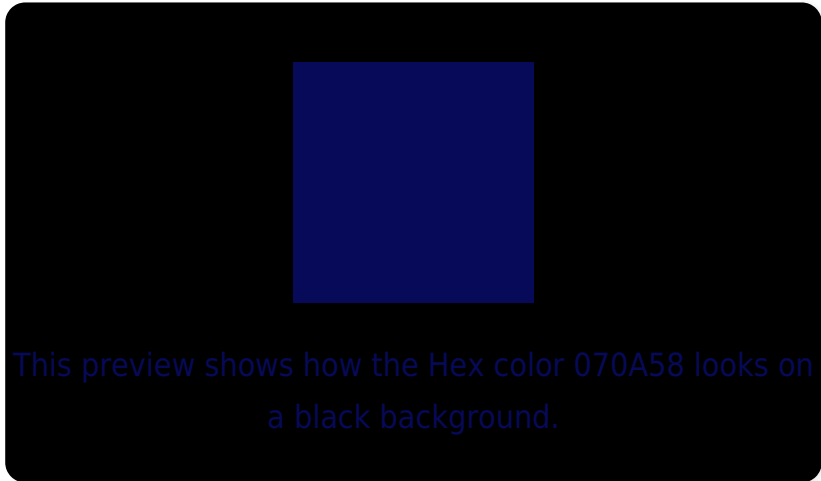
Large Text (above 18pt) WCAG AA ✓ Pass

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

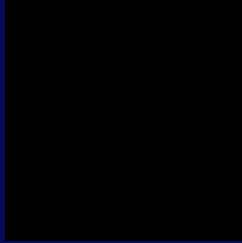
Any Text WCAG AA × Fail

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 070A58 Background



This preview shows how black text looks on a background with the Hex color 070A58.



This preview shows how white text looks on a background with the Hex color 070A58.

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
070A58

Protanopia
001B38

Deuteranopia
001D30



Tritanopia
001F20

Trichromacy



Original Color
070A58

Protanomaly
031544

Deuteranomaly
03163F

Tritanomaly
031734

Monochromacy



Original Color
070A58

Achromatopsia
121212

Achromatomaly
0E0F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 070A58 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 #070A58 looks like.

```
.text, #text, p{  
    color:#070A58  
}
```

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 #070A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070A58
}
```

Border

The CSS property to change the border of an element to Hex 070A58 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
#070A58 }
```

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

```
.border{ border-color:#070A58 }
```

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

Here you see how a box with a 4 pixel #070A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070A58; -webkit-box-shadow:4px 4px  
4px 4px #070A58; box-shadow:4px 4px 4px  
4px #070A58 }
```

Background

The CSS property to change the background color of an element to Hex 070A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070A58 }
```

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

```
.background{ background-color:#070A58 }
```

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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