

Converting Colors

Hex(071168)

Have a look what the booklet for
Hex(071168) contains.

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Color

Hex(071168)

Conversions

Conversions Part 1

Format	Color
Hex	071168
RGB	7, 17, 104
RGB Percent	3%, 7%, 41%
CMY	0.9725, 0.9333, 0.5922
CMYK	0.93, 0.84, 0.00, 0.59
HSL	234°, 87%, 22%
HSV	234°, 93%, 41%
XYZ	2.7868, 1.4455, 13.2288
YIQ	23.9280, -33.8870, 24.9370

Conversions

Conversions Part 2

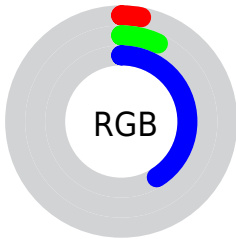
Format	Color
RYB	7, 16, 104
Decimal	463208
CIELab	12.26, 32.38, -50.34
CIElCh	12, 59.851, 302.751
Yxy	1.4455, 0.1596, 0.0828
Android (android.graphics.Color)	4278653288 (0xFF071168)
YUV	23.9280, 39.4755, -14.8459
Hunter-Lab	12.0231, 20.3331, -56.8199

Details

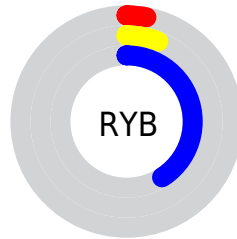
The Hex color **071168** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **685E07**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4B3D9C**, and **000537** is the 20% darker color. If you saturate the color by 10%, you get **000B68**, and if you desaturate by 10%, it is **111A68**.

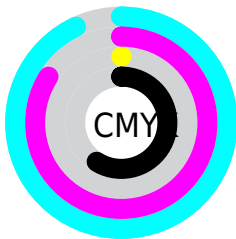
Distribution



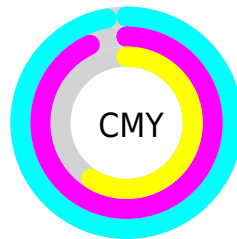
- Red (3%)
- Green (7%)
- Blue (41%)



- Red (3%)
- Yellow (6%)
- Blue (41%)



- Cyan (93%)
- Magenta (84%)
- Yellow (0%)
- Black (59%)



- Cyan (97%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 071168 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 071168 by changing the saturation by 10% instead.

071168

071168

FFF4FF

00004F

4B3D9C

000537

6654B8

000221

826DD4

000006

9E86F0

000000

BAA1FF

D7BCFF

F5D8FF

071168

071168

■ 000B68

■ 111A68

■ 1C2468

■ 262D68

■ 313668

■ 3B4068

■ 454968

■ 505268

■ 5A5C68

■ 656568

Harmonies

Analogous

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



002776



071168



500047

Triad

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



071168



450900



002F23

Complementary

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



071168



685E07

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.



002E00



071168



262000

Square

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



071168



5B0000



002900



00304D

Rectangle

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



071168



5E002C



002900



002E14

Sweetspot

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



071168



616587



07685D



2D3045



C4C4C4



454545

Same Dimension

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



071168



000E87



2C0768



2E2E33



000C73



0019F2

Inverse Universe

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



680711



87000E



436807



332E2E



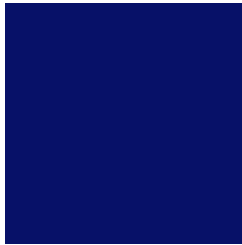
73000C



F20019

Previews

White Background



This preview shows how the Hex color 071168 looks on a white background.

Color Contrast Check

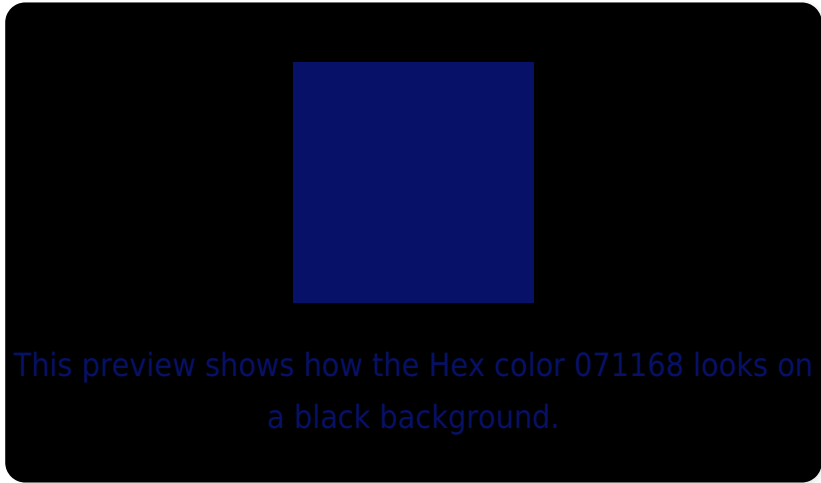
Large Text (above 18pt) WCAG AA ✓ Pass

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

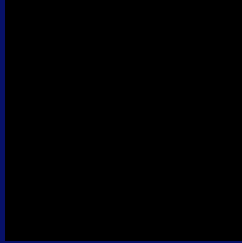
Any Text WCAG AA × Fail

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 071168 Background



This preview shows how black text looks on a background with the Hex color 071168.



This preview shows how white text looks on a background with the Hex color 071168.

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
071168

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
071168

Protanomaly
031B52

Deuteranomaly
031C4B

Tritanomaly
031E3F

Monochromacy



Original Color
071168

Achromatopsia
181818

Achromatomaly
121535

CSS Examples

Text

The CSS property to change the color of the text to Hex 071168 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 #071168 looks like.

```
.text, #text, p{  
    color:#071168  
}
```

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 #071168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #071168
}
```

Border

The CSS property to change the border of an element to Hex 071168 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
#071168 }
```

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

```
.border{ border-color:#071168 }
```

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

Here you see how a box with a 4 pixel #071168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #071168; -webkit-box-shadow:4px 4px  
4px 4px #071168; box-shadow:4px 4px 4px  
4px #071168 }
```

Background

The CSS property to change the background color of an element to Hex 071168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#071168 }
```

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

```
.background{ background-color:#071168 }
```

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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