

Converting Colors

Hex(001069)

Have a look what the booklet for
Hex(001069) contains.

Hex(001069)	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(001069)

Conversions

Conversions Part 1

Format	Color
Hex	001069
RGB	0, 16, 105
RGB Percent	0%, 6%, 41%
CMY	1.0000, 0.9373, 0.5882
CMYK	1.00, 0.85, 0.00, 0.59
HSL	231°, 100%, 21%
HSV	231°, 100%, 41%
XYZ	2.7351, 1.3905, 13.4888
YIQ	21.3620, -38.1050, 24.2870

Conversions

Conversions Part 2

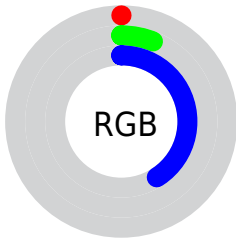
Format	Color
RYB	0, 14, 105
Decimal	4201
CIELab	11.89, 32.99, -51.61
CIELCh	12, 61.249, 302.585
Yxy	1.3905, 0.1553, 0.0789
Android (android.graphics.Color)	4278194281 (0xFF001069)
YUV	21.3620, 41.2335, -18.7345
Hunter-Lab	11.7920, 20.7664, -59.5675

Details

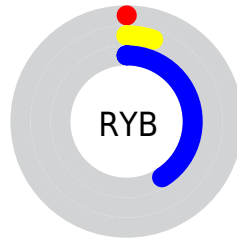
The Hex color **001069** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **695900**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **493C9D**, and **000538** is the 20% darker color. If you saturate the color by 10%, you get **001069**, and if you desaturate by 10%, it is **0A1969**.

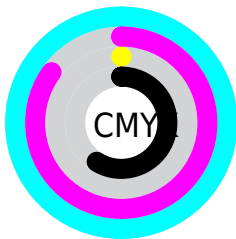
Distribution



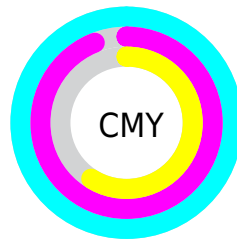
- Red (0%)
- Green (6%)
- Blue (41%)



- Red (0%)
- Yellow (5%)
- Blue (41%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001069 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 001069 by changing the saturation by 10% instead.

001069

001069

FFF3FF

000050

493C9D

000538

6553B9

000222

806CD5

000008

9C85F2

000000

B99FFF

D6BBFF

F3D6FF

001069

■ 0A1969

■ 152269

■ 202B69

■ 2A3469

■ 353C69

■ 3F4569

■ 4A4E69

■ 545769

■ 5F6069

Harmonies

Analogous

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



002677



001069



500047

Triad

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



001069



450700



002E22

Complementary

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



001069



695900

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.



002D00



001069



252000

Square

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



001069



5B0000



002900



00304D

Rectangle

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



001069



5E002C



002900



002D13

Sweetspot

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



001069



60678A



006957



2C3045



C4C4C4



454545

Same Dimension

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



001069



00158A



230069



303136



001275



0025F5

Inverse Universe

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



690010



8A0015



466900



363031



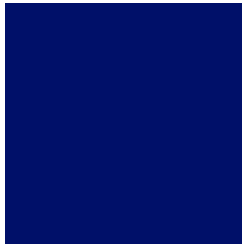
750012



F50025

Previews

White Background



This preview shows how the Hex color 001069 looks on a white background.

Color Contrast Check

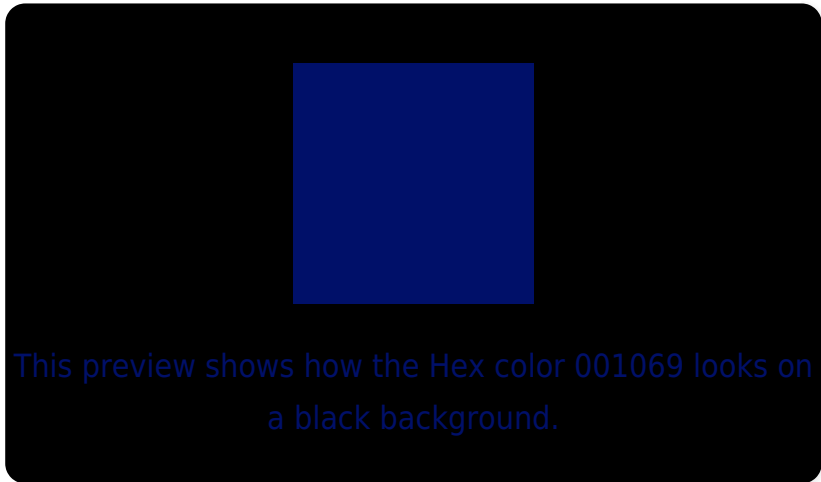
Large Text (above 18pt) WCAG AA ✓ Pass

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

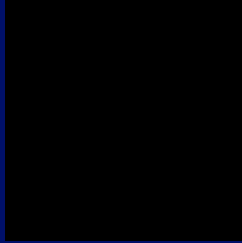
Any Text WCAG AA × Fail

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 001069 Background



This preview shows how black text looks on a background with the Hex color 001069.



This preview shows how white text looks on a background with the Hex color 001069.

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
001069

Protanopia
002145

Deuteranopia
00233A

Trichromacy



Original Color
001069

Protanomaly
001B52

Deuteranomaly
001C4B

Tritanomaly
001E3F

Monochromacy



Original Color
001069

Achromatopsia
151515

Achromatomaly
0D1334

CSS Examples

Text

The CSS property to change the color of the text to Hex 001069 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 #001069 looks like.

```
.text, #text, p{  
    color:#001069  
}
```

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 #001069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001069
}
```

Border

The CSS property to change the border of an element to Hex 001069 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
#001069 }
```

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

```
.border{ border-color:#001069 }
```

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

Here you see how a box with a 4 pixel #001069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001069; -webkit-box-shadow:4px 4px  
4px 4px #001069; box-shadow:4px 4px 4px  
4px #001069 }
```

Background

The CSS property to change the background color of an element to Hex 001069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001069 }
```

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

```
.background{ background-color:#001069 }
```

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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