

Converting Colors

Hex(001368)

Have a look what the booklet for
Hex(001368) contains.

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Color

Hex(001368)

Conversions

Conversions Part 1

Format	Color
Hex	001368
RGB	0, 19, 104
RGB Percent	0%, 7%, 41%
CMY	1.0000, 0.9255, 0.5922
CMYK	1.00, 0.82, 0.00, 0.59
HSL	229°, 100%, 20%
HSV	229°, 100%, 41%
XYZ	2.7316, 1.4652, 13.2355
YIQ	23.0090, -38.6090, 22.4070

Conversions

Conversions Part 2

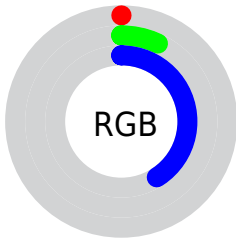
Format	Color
RYB	0, 16, 104
Decimal	4968
CIELab	12.39, 30.80, -50.13
CIELCh	12, 58.841, 301.568
Yxy	1.4652, 0.1567, 0.0841
Android (android.graphics.Color)	4278195048 (0xFF001368)
YUV	23.0090, 39.9286, -20.1789
Hunter-Lab	12.1046, 19.0977, -56.3561

Details

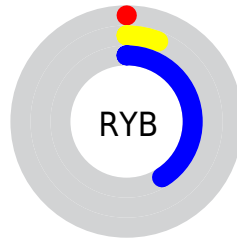
The Hex color **001368** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **685500**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **483E9C**, and **000537** is the 20% darker color. If you saturate the color by 10%, you get **001368**, and if you desaturate by 10%, it is **0A1B68**.

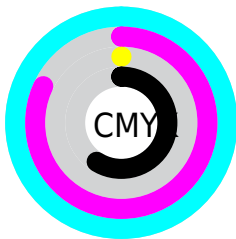
Distribution



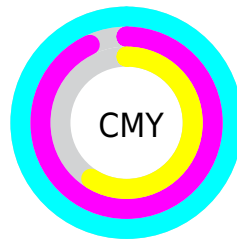
- Red (0%)
- Green (7%)
- Blue (41%)



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



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001368 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 001368 by changing the saturation by 10% instead.

001368

001368

FFF6FF

00004F

483E9C

000537

6456B8

000221

7F6ED4

000006

9B88F0

000000

B8A2FF

D4BDFF

F2D9FF

001368

■ 0A1B68

■ 152468

■ 1F2C68

■ 2A3568

■ 343D68

■ 3E4668

■ 494E68

■ 535768

■ 5E6068

Harmonies

Analogous

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



002775



001368



4E0048

Triad

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



001368



460800



002F21

Complementary

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



001368



685500

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



001368



282000

Square

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



001368



5B0000



002900



00304B

Rectangle

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



001368



5D002E



002900



002E13

Sweetspot

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



001368



5F6687



006855



2C3145



C4C4C4



454545

Same Dimension

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



001368



001987



210068



2E2F33



001573



002CF2

Inverse Universe

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



680013



870019



476800



332E2F



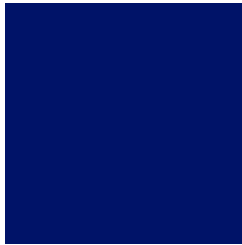
730015



F2002C

Previews

White Background



This preview shows how the Hex color 001368 looks on a white background.

Color Contrast Check

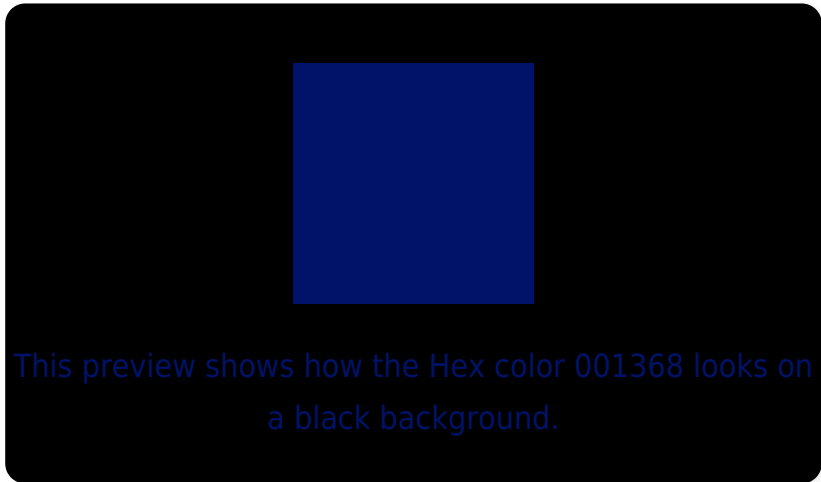
Large Text (above 18pt) WCAG AA ✓ Pass

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

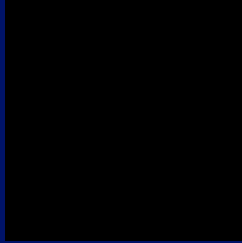
Any Text WCAG AA × Fail

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 001368 Background



This preview shows how black text looks on a background with the Hex color 001368.



This preview shows how white text looks on a background with the Hex color 001368.

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
001368

Protanopia
002146

Deuteranopia
00243C

Trichromacy



Original Color
001368

Protanomaly
001C52

Deuteranomaly
001E4C

Tritanomaly
001F3F

Monochromacy



Original Color
001368

Achromatopsia
171717

Achromatomaly
0F1634

CSS Examples

Text

The CSS property to change the color of the text to Hex 001368 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 #001368 looks like.

```
.text, #text, p{  
    color:#001368  
}
```

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 #001368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001368
}
```

Border

The CSS property to change the border of an element to Hex 001368 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
#001368 }
```

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

```
.border{ border-color:#001368 }
```

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

Here you see how a box with a 4 pixel #001368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001368; -webkit-box-shadow:4px 4px  
4px 4px #001368; box-shadow:4px 4px 4px  
4px #001368 }
```

Background

The CSS property to change the background color of an element to Hex 001368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001368 }
```

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

```
.background{ background-color:#001368 }
```

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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