

Converting Colors

Hex(001051)

Have a look what the booklet for
Hex(001051) contains.

Hex(001051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(001051)

Conversions

Conversions Part 1

Format	Color
Hex	001051
RGB	0, 16, 81
RGB Percent	0%, 6%, 32%
CMY	1.0000, 0.9373, 0.6824
CMYK	1.00, 0.80, 0.00, 0.68
HSL	228°, 100%, 16%
HSV	228°, 100%, 32%
XYZ	1.6705, 0.9647, 7.8827
YIQ	18.6260, -30.4010, 16.8230

Conversions

Conversions Part 2

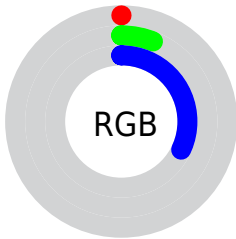
Format	Color
RYB	0, 13, 81
Decimal	4177
CIELab	8.69, 23.56, -40.78
CIELCh	9, 47.098, 300.017
Yxy	0.9647, 0.1588, 0.0917
Android (android.graphics.Color)	4278194257 (0xFF001051)
YUV	18.6260, 30.7504, -16.3350
Hunter-Lab	9.8217, 13.1715, -40.7098

Details

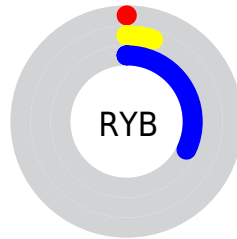
The Hex color **001051** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **514100**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **3F3A83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **001051**, and if you desaturate by 10%, it is **081751**.

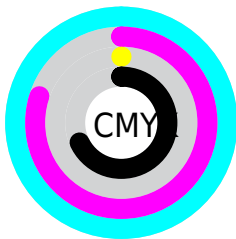
Distribution



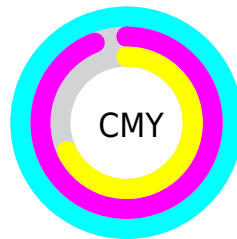
- Red (0%)
- Green (6%)
- Blue (32%)



- Red (0%)
- Yellow (5%)
- Blue (32%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001051 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 001051 by changing the saturation by 10% instead.

001051

001051

FFFFFF

00003A

3F3A83

000223

5A519E

00000A

7469B9

000000

8F82D5

AB9CF1

C7B7FF

E4D3FF

001051

■ 081751

■ 101D51

■ 182451

■ 202A51

■ 293151

■ 313751

■ 393E51

■ 414451

■ 494A51

Harmonies

Analogous

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



001E5A



001051



3B0039

Triad

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



001051



380600



002518

Complementary

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



001051



514100

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



001051



211800

Square

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



001051



470000



002000



002638

Rectangle

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



001051



480025



002000



00250A

Sweetspot

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



001051



494F69



005141



222636



B5B5B5



363636

Same Dimension

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



001051



001569



180051



252629



002EE8

Inverse Universe

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



510010



690015



395100



292526



E8002E

Previews

White Background



This preview shows how the Hex color 001051 looks on a white background.

Color Contrast Check

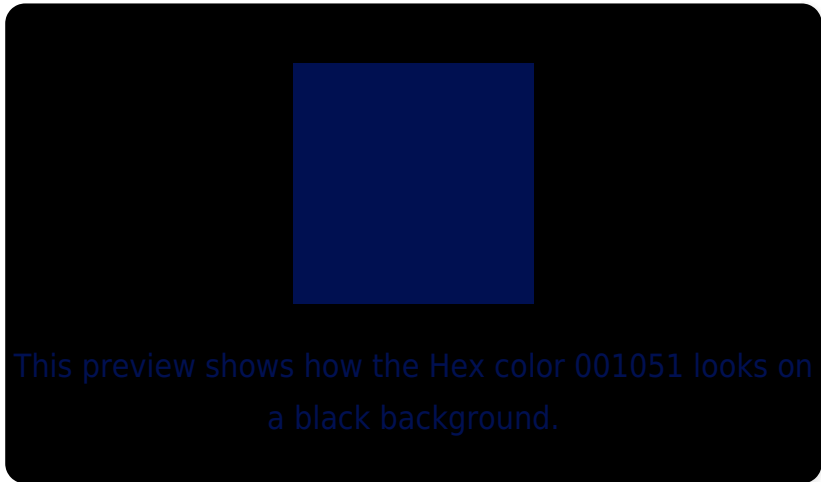
Large Text (above 18pt) WCAG AA ✓ Pass

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

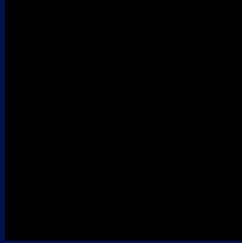
Any Text WCAG AA × Fail

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 001051 Background



This preview shows how black text looks on a background with the Hex color 001051.



This preview shows how white text looks on a background with the Hex color 001051.

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
001051

Protanopia
001A38

Deuteranopia
001C2F



Tritanopia
001E20

Trichromacy



Original Color
001051

Protanomaly
001641

Deuteranomaly
00183B

Tritanomaly
001932

Monochromacy



Original Color
001051

Achromatopsia
131313

Achromatomaly
0C122A

CSS Examples

Text

The CSS property to change the color of the text to Hex 001051 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 #001051 looks like.

```
.text, #text, p{  
    color:#001051  
}
```

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 #001051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001051
}
```

Border

The CSS property to change the border of an element to Hex 001051 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
#001051 }
```

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

```
.border{ border-color:#001051 }
```

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

Here you see how a box with a 4 pixel #001051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001051; -webkit-box-shadow:4px 4px  
4px 4px #001051; box-shadow:4px 4px 4px  
4px #001051 }
```

Background

The CSS property to change the background color of an element to Hex 001051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001051 }
```

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

```
.background{ background-color:#001051 }
```

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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