

Converting Colors

Hex(051000)

Have a look what the booklet for
Hex(051000) contains.

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Color

Hex(051000)

Conversions

Conversions Part 1

Format	Color
Hex	051000
RGB	5, 16, 0
RGB Percent	2%, 6%, 0%
CMY	0.9804, 0.9373, 1.0000
CMYK	0.69, 0.00, 1.00, 0.94
HSL	101°, 100%, 3%
HSV	101°, 100%, 6%
XYZ	0.2479, 0.4028, 0.0647
YIQ	10.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

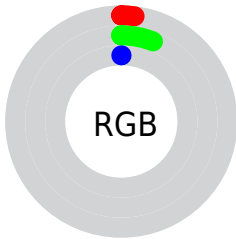
Format	Color
RYB	0, 16, 11
Decimal	331776
CIELab	3.64, -5.53, 5.35
CIElCh	4, 7.694, 135.959
Yxy	0.4028, 0.3465, 0.5631
Android (android.graphics.Color)	4278521856 (0xFF051000)
YUV	10.8870, -5.3673, -5.1629
Hunter-Lab	6.3470, -4.1361, 3.8386

Details

The Hex color **051000** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B0010**, and the grayscale version is **0B0B0B**.

A 20% lighter version of the original color is **333A30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **051000**, and if you desaturate by 10%, it is **061002**.

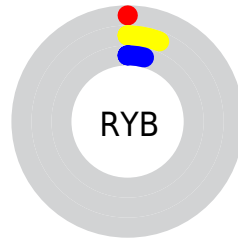
Distribution



Red (2%)

Green (6%)

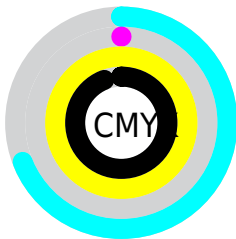
Blue (0%)



Red (0%)

Yellow (6%)

Blue (4%)

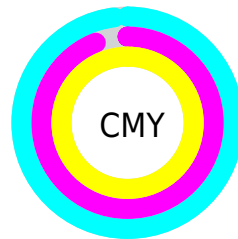


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (94%)



Cyan (98%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051000 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 051000 by changing the saturation by 10% instead.

 051000


 051000

 E6F0E2

 000000

 333A30

 4A5147

 616A5E

 7A8377

 949D90

 AFB8AB

 CAD3C6

 051000

■ 061002

■ 071003

■ 081005

■ 091006

■ 0B1008

■ 0C100A

■ 0D100B

■ 0E100D

■ 0F100E

Harmonies

Analogous

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



0E0E00



051000



001108

Triad

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



051000



000F19



1A0708

Complementary

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



051000



0B0010

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.



180811



051000



0A0C19

Square

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



051000



001116



130916



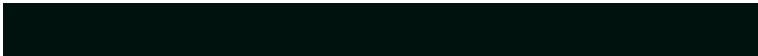
1A0900

Rectangle

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



051000



00120E



130916



1A070C

Sweetspot

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



051000



10140E



100B00



080A07



8A8A8A



0A0A0A

Same Dimension

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



051000



061400



001003



070807



164700



3EC700

Inverse Universe

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



0B0010



0E0014



10000D



070708



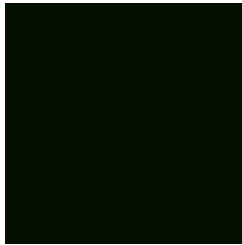
310047



8900C7

Previews

White Background



This preview shows how the Hex color 051000 looks on a white background.

Color Contrast Check

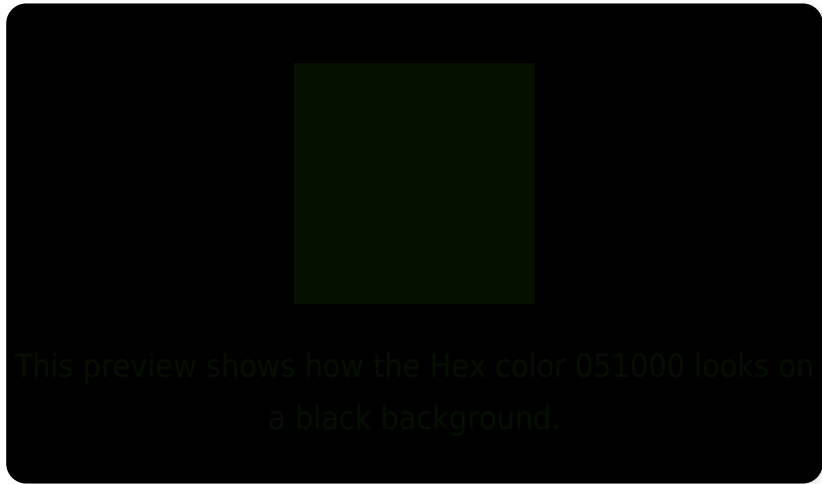
Large Text (above 18pt) WCAG AA ✓ Pass

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

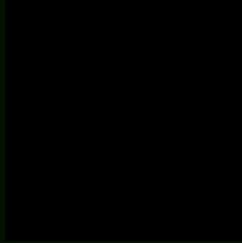
Any Text WCAG AA × Fail

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 051000 Background



This preview shows how black text looks on a background with the Hex color 051000.



This preview shows how white text looks on a background with the Hex color 051000.

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
051000

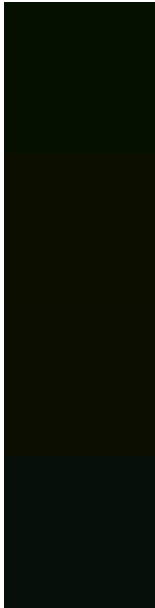
Protanopia
100E00

Deuteranopia
110D03



Tritanopia
080F10

Trichromacy



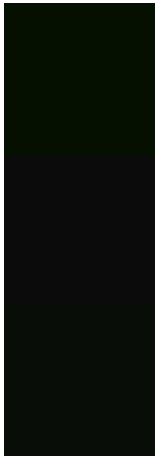
Original Color
051000

Protanomaly
0C0F00

Deuteranomaly
0D0E02

Tritanomaly
070F0A

Monochromacy



Original Color
051000

Achromatopsia
0B0B0B

Achromatomaly
090D07

CSS Examples

Text

The CSS property to change the color of the text to Hex 051000 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 #051000 looks like.

```
.text, #text, p{  
    color:#051000  
}
```

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 #051000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051000
}
```

Border

The CSS property to change the border of an element to Hex 051000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

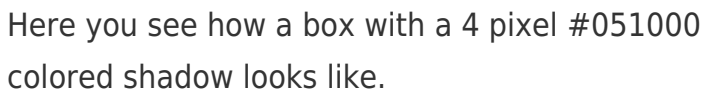
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#051000 }
```

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

```
.border{ border-color:#051000 }
```

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



Here you see how a box with a 4 pixel #051000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051000; -webkit-box-shadow:4px 4px  
4px 4px #051000; box-shadow:4px 4px 4px  
4px #051000 }
```

Background

The CSS property to change the background color of an element to Hex 051000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051000 }
```

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

```
.background{ background-color:#051000 }
```

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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