

Converting Colors

Hex(051E02)

Have a look what the booklet for
Hex(051E02) contains.

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Color

Hex(051E02)

Conversions

Conversions Part 1

Format	Color
Hex	051E02
RGB	5, 30, 2
RGB Percent	2%, 12%, 1%
CMY	0.9804, 0.8824, 0.9922
CMYK	0.83, 0.00, 0.93, 0.88
HSL	114°, 88%, 6%
HSV	114°, 93%, 12%
XYZ	0.5378, 0.9652, 0.2154
YIQ	19.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

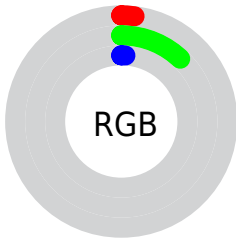
Format	Color
RYB	2, 30, 27
Decimal	335362
CIELab	8.70, -15.46, 11.92
CIELCh	9, 19.520, 142.377
Yxy	0.9652, 0.3130, 0.5617
Android (android.graphics.Color)	4278525442 (0xFF051E02)
YUV	19.3330, -8.5452, -12.5700
Hunter-Lab	9.8244, -7.4211, 5.5772

Details

The Hex color **051E02** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1B021E**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **314A31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **031E00**, and if you desaturate by 10%, it is **081E05**.

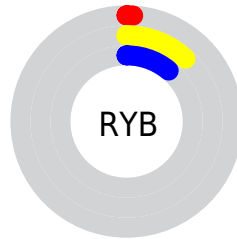
Distribution



Red (2%)

Green (12%)

Blue (1%)



Red (1%)

Yellow (12%)

Blue (11%)

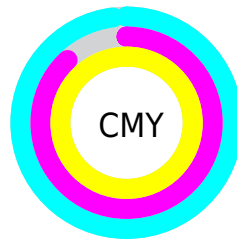


Cyan (83%)

Magenta (0%)

Yellow (93%)

Black (88%)



Cyan (98%)

Magenta (88%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051E02 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 051E02 by changing the saturation by 10% instead.

■ 051E02

■ 051E02

■ E5FFE4

■ 000000

■ 314A31

■ 486247

■ 607B5F

■ 799478

■ 93AF92

■ AECBAC

■ C9E7C8

■ 051E02

■ 051E02

■ 031E00

■ 081E05

■ 0A1E08

■ 0D1E0B

■ 101E0E

■ 121E11

■ 151E14

■ 181E17

■ 1A1E1A

■ 1D1E1D

Harmonies

Analogous

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



181B00



051E02



002015

Triad

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



051E02



001B33



300D0E

Complementary

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



051E02



1B021E

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.



2F0D1D



051E02



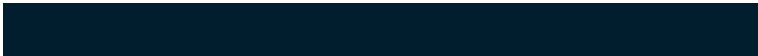
131731

Square

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



051E02



001E2D



251129



2D1200

Rectangle

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



051E02



00201E



251129



300C14

Sweetspot

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



051E02



1D261C



1E1B02



0E140D



949494



141414

Same Dimension

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



051E02



042600



021E0D



0E0F0E



084F00



16CF00

Inverse Universe

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



1B021E



220026



1E0213



0F0E0F



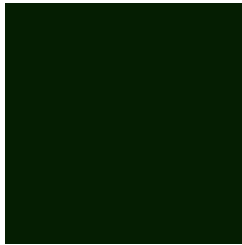
47004F



B800CF

Previews

White Background



This preview shows how the Hex color 051E02 looks on a white background.

Color Contrast Check

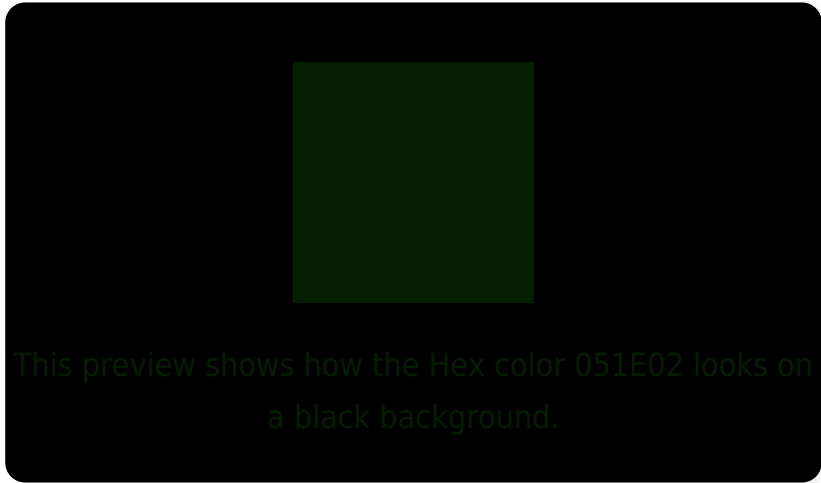
Large Text (above 18pt) WCAG AA ✓ Pass

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

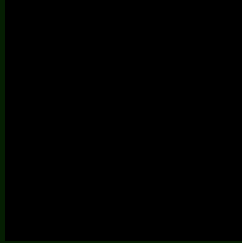
Any Text WCAG AA × Fail

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 051E02 Background



This preview shows how black text looks on a background with the Hex color 051E02.



This preview shows how white text looks on a background with the Hex color 051E02.

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
051E02

Protanopia
1D1A00

Deuteranopia
201807



Tritanopia
0D1C1E

Trichromacy



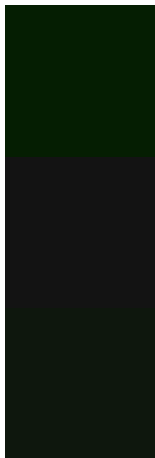
Original Color
051E02

Protanomaly
141B01

Deuteranomaly
161A05

Tritanomaly
0A1D14

Monochromacy



Original Color
051E02

Achromatopsia
131313

Achromatomaly
0E170D

CSS Examples

Text

The CSS property to change the color of the text to Hex 051E02 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 #051E02 looks like.

```
.text, #text, p{  
    color:#051E02  
}
```

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 #051E02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051E02
}
```

Border

The CSS property to change the border of an element to Hex 051E02 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".

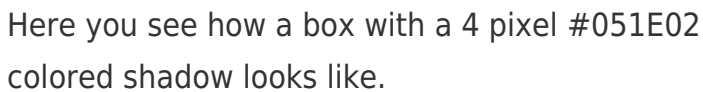
```
.border, #border, table{ border:4px solid
#051E02 }
```

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

```
.border{ border-color:#051E02 }
```

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

Here you see how a box with a 4 pixel #051E02 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051E02; -webkit-box-shadow:4px 4px  
4px 4px #051E02; box-shadow:4px 4px 4px  
4px #051E02 }
```

Background

The CSS property to change the background color of an element to Hex 051E02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051E02 }
```

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

```
.background{ background-color:#051E02 }
```

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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