

Converting Colors

Hex(041B03)

Have a look what the booklet for
Hex(041B03) contains.

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Color

Hex(041B03)

Conversions

Conversions Part 1

Format	Color
Hex	041B03
RGB	4, 27, 3
RGB Percent	2%, 11%, 1%
CMY	0.9843, 0.8941, 0.9882
CMYK	0.85, 0.00, 0.89, 0.89
HSL	118°, 80%, 6%
HSV	118°, 89%, 11%
XYZ	0.4584, 0.8163, 0.2195
YIQ	17.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

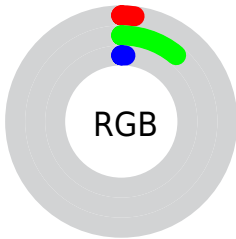
Format	Color
RYB	3, 27, 26
Decimal	269059
CIELab	7.37, -13.00, 9.57
CIElCh	7, 16.145, 143.638
Yxy	0.8163, 0.3068, 0.5463
Android (android.graphics.Color)	4278459139 (0xFF041B03)
YUV	17.3870, -7.0928, -11.7404
Hunter-Lab	9.0347, -6.7532, 4.8835

Details

The Hex color **041B03** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A031B**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **314632**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **011B00**, and if you desaturate by 10%, it is **071B06**.

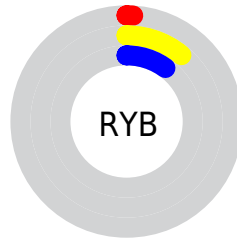
Distribution



Red (2%)

Green (11%)

Blue (1%)



Red (1%)

Yellow (11%)

Blue (10%)

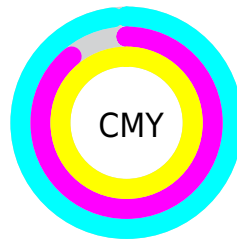


Cyan (85%)

Magenta (0%)

Yellow (89%)

Black (89%)



Cyan (98%)

Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 041B03 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 041B03 by changing the saturation by 10% instead.

 041B03

 041B03

 E5FEE4

 000000

 314632

 485D48

 607660

 799079

 92AA92

 ADC6AD

 C9E2C8

 041B03

 041B03

■ 011B00

■ 071B06

■ 091B08

■ 0C1B0B

■ 0E1B0E

■ 111B11

■ 141B13

■ 161B16

■ 191B19

■ 1B1B1B

Harmonies

Analogous

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



151800



041B03



001C13

Triad

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



041B03



00182B



2A0D0C

Complementary

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



041B03



1A031B

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.



280D19



041B03



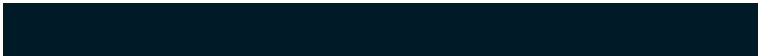
13142A

Square

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



041B03



001B27



211023



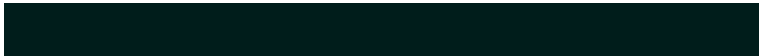
271100

Rectangle

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



041B03



001D1B



211023



2A0D11

Sweetspot

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



041B03



1A241A



1B1A03



0C120C



919191



121212

Same Dimension

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



041B03



012400



031B0E



0C0D0B



034D00



08CC00

Inverse Universe

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



1A031B



220024



1B0310



0D0B0D



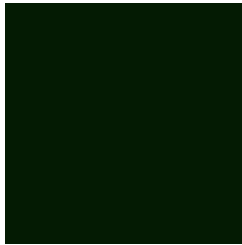
49004D



C300CC

Previews

White Background



This preview shows how the Hex color 041B03 looks on a white background.

Color Contrast Check

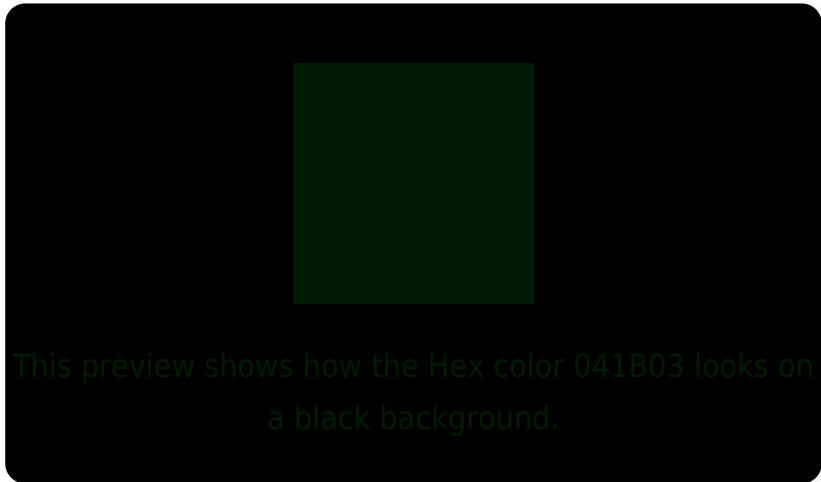
Large Text (above 18pt) WCAG AA ✓ Pass

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

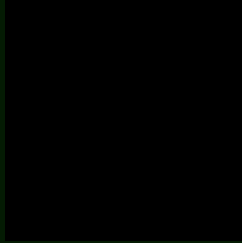
Any Text WCAG AA × Fail

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 041B03 Background



This preview shows how black text looks on a background with the Hex color 041B03.



This preview shows how white text looks on a background with the Hex color 041B03.

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
041B03

Protanopia
1A1701

Deuteranopia
1D1606



Tritanopia
0C191B

Trichromacy



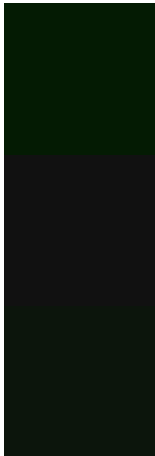
Original Color
041B03

Protanomaly
121802

Deuteranomaly
141805

Tritanomaly
091A12

Monochromacy



Original Color
041B03

Achromatopsia
111111

Achromatomaly
0C150C

CSS Examples

Text

The CSS property to change the color of the text to Hex 041B03 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 #041B03 looks like.

```
.text, #text, p{  
    color:#041B03  
}
```

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 #041B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #041B03
}
```

Border

The CSS property to change the border of an element to Hex 041B03 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".

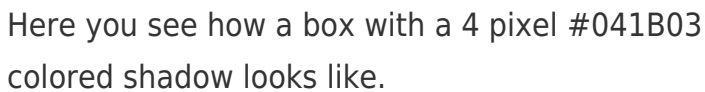
```
.border, #border, table{ border:4px solid
#041B03 }
```

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

```
.border{ border-color:#041B03 }
```

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

Here you see how a box with a 4 pixel #041B03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #041B03; -webkit-box-shadow:4px 4px  
4px 4px #041B03; box-shadow:4px 4px 4px  
4px #041B03 }
```

Background

The CSS property to change the background color of an element to Hex 041B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#041B03 }
```

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

```
.background{ background-color:#041B03 }
```

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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