

Converting Colors

Hex(021001)

Have a look what the booklet for
Hex(021001) contains.

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Color

Hex(021001)

Conversions

Conversions Part 1

Format	Color
Hex	021001
RGB	2, 16, 1
RGB Percent	1%, 6%, 0%
CMY	0.9922, 0.9373, 0.9961
CMYK	0.88, 0.00, 0.94, 0.94
HSL	116°, 88%, 3%
HSV	116°, 94%, 6%
XYZ	0.2158, 0.3857, 0.0918
YIQ	10.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

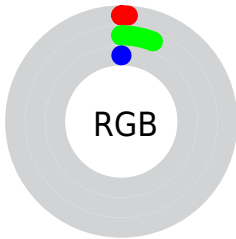
Format	Color
RYB	1, 16, 15
Decimal	135169
CIELab	3.48, -6.18, 4.69
CIElCh	3, 7.757, 142.766
Yxy	0.3857, 0.3113, 0.5563
Android (android.graphics.Color)	4278325249 (0xFF021001)
YUV	10.1040, -4.4883, -7.1072
Hunter-Lab	6.2103, -4.6653, 3.4709

Details

The Hex color **021001** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0F0110**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **313A31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **011000**, and if you desaturate by 10%, it is **031003**.

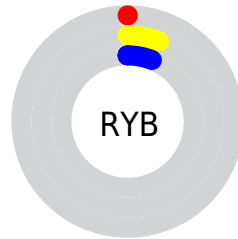
Distribution



Red (1%)

Green (6%)

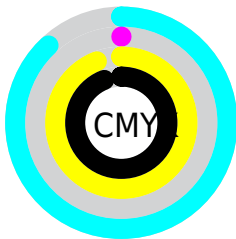
Blue (0%)



Red (0%)

Yellow (6%)

Blue (6%)

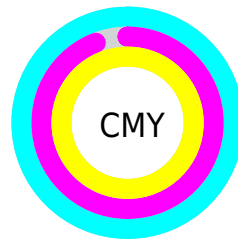


Cyan (88%)

Magenta (0%)

Yellow (94%)

Black (94%)



Cyan (99%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 021001 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 021001 by changing the saturation by 10% instead.

■ 021001

■ 021001

■ E4F0E3

■ 000000

■ 313A31

■ 485147

■ 5F6A5F

■ 788378

■ 929D91

■ ACB8AC

■ C8D3C7

■ 021001

■ 021001

■ 011000

■ 031003

■ 051004

■ 061006

■ 081007

■ 091009

■ 0B100B

■ 0C100C

■ 0E100E

■ 0F100F

Harmonies

Analogous

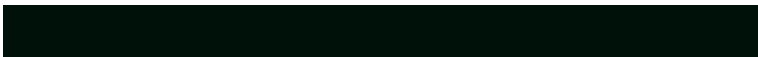
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0C0E00



021001



00110A

Triad

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



021001



010E19



1A0706

Complementary

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



021001



0F0110

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.



19070F



021001



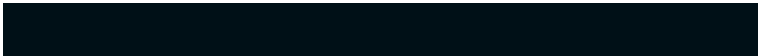
0C0B18

Square

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



021001



001017



140815



190800

Rectangle

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



021001



001110



140815



1A0709

Sweetspot

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



021001



0F140F



100F01



070A07



8A8A8A



0A0A0A

Same Dimension

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



021001



011400



011008



070807



054700



0DC700

Inverse Universe

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



0F0110



130014



100109



080708



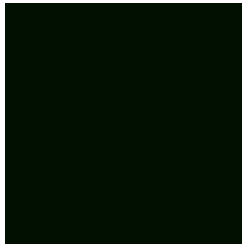
430047



BA00C7

Previews

White Background



This preview shows how the Hex color 021001 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

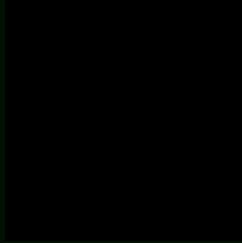
Any Text WCAG AA × Fail

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 021001 Background



This preview shows how black text looks on a background with the Hex color 021001.



This preview shows how white text looks on a background with the Hex color 021001.

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](#).

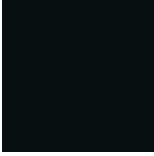
Dichromacy



Original Color
021001

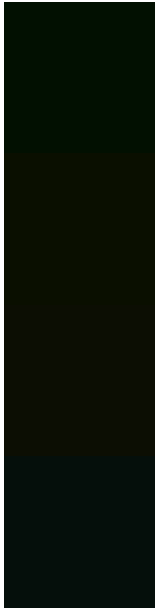
Protanopia
0F0E00

Deuteranopia
110D04



Tritanopia
070F10

Trichromacy



Original Color
021001

Protanomaly
0A0F00

Deuteranomaly
0C0E03

Tritanomaly
050F0B

Monochromacy



Original Color
021001

Achromatopsia
0A0A0A

Achromatomaly
070C07

CSS Examples

Text

The CSS property to change the color of the text to Hex 021001 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 #021001 looks like.

```
.text, #text, p{  
    color:#021001  
}
```

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 #021001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #021001
}
```

Border

The CSS property to change the border of an element to Hex 021001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

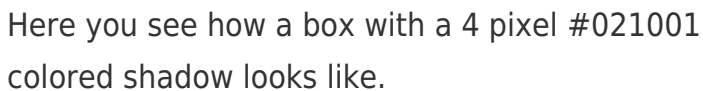
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#021001 }
```

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

```
.border{ border-color:#021001 }
```

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



Here you see how a box with a 4 pixel #021001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #021001; -webkit-box-shadow:4px 4px  
4px 4px #021001; box-shadow:4px 4px 4px  
4px #021001 }
```

Background

The CSS property to change the background color of an element to Hex 021001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#021001 }
```

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

```
.background{ background-color:#021001 }
```

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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