

Converting Colors

Hex(00270A)

Have a look what the booklet for
Hex(00270A) contains.

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Color

Hex(00270A)

Conversions

Conversions Part 1

Format	Color
Hex	00270A
RGB	0, 39, 10
RGB Percent	0%, 15%, 4%
CMY	1.0000, 0.8471, 0.9608
CMYK	1.00, 0.00, 0.74, 0.85
HSL	135°, 100%, 8%
HSV	135°, 100%, 15%
XYZ	0.7803, 1.4730, 0.5303
YIQ	24.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

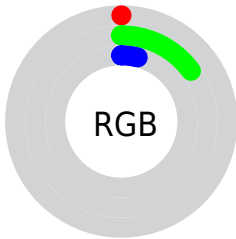
Format	Color
RYB	0, 31, 39
Decimal	9994
CIELab	12.44, -21.64, 13.85
CIELCh	12, 25.691, 147.366
Yxy	1.4730, 0.2803, 0.5292
Android (android.graphics.Color)	4278200074 (0xFF00270A)
YUV	24.0330, -6.9183, -21.0769
Hunter-Lab	12.1365, -9.7624, 5.9047

Details

The Hex color **00270A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **27001D**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **2D5536**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00270A**, and if you desaturate by 10%, it is **04270D**.

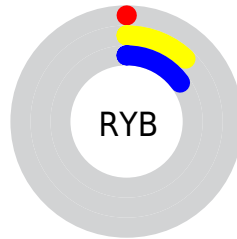
Distribution



Red (0%)

Green (15%)

Blue (4%)



Red (0%)

Yellow (12%)

Blue (15%)

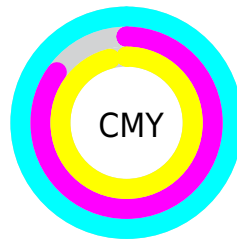


Cyan (100%)

Magenta (0%)

Yellow (74%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00270A 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 00270A by changing the saturation by 10% instead.

 00270A

 00270A

 E4FFE4

 001000

 2D5536

 000000

 456D4D

 5E8765

 77A17E

 91BC98

 ACD8B2

 C8F5CE

 00270A

■ 04270D

■ 082710

■ 0C2713

■ 102716

■ 142719

■ 17271B

■ 1B271E

■ 1F2721

■ 232724

Harmonies

Analogous

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



1B2400



00270A



00281E

Triad

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



00270A



002344



3F1011

Complementary

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



00270A



27001D

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.



3F0E23



00270A



1D1C40

Square

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



00270A



00273E



341434



381800

Rectangle

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



00270A



00292A



341434



400F17

Sweetspot

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



00270A



243328



1D2700



101A13



999999



1A1A1A

Same Dimension

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



00270A



00330D



00271D



121413



005416



00D436

Inverse Universe

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



27001D



330026



27000A



141214



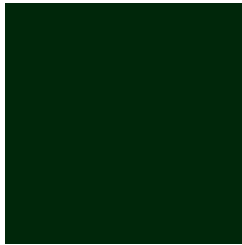
54003F



D4009D

Previews

White Background



This preview shows how the Hex color 00270A looks on a white background.

Color Contrast Check

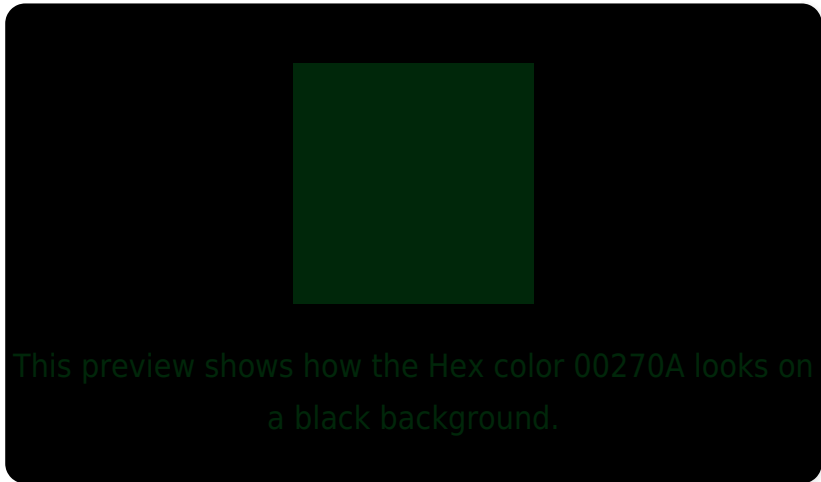
Large Text (above 18pt) WCAG AA ✓ Pass

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

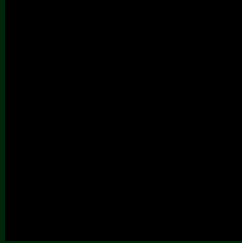
Any Text WCAG AA × Fail

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 00270A Background



This preview shows how black text looks on a background with the Hex color 00270A.



This preview shows how white text looks on a background with the Hex color 00270A.

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
00270A

Protanopia
252109

Deuteranopia
2A200D



Tritanopia
102427

Trichromacy



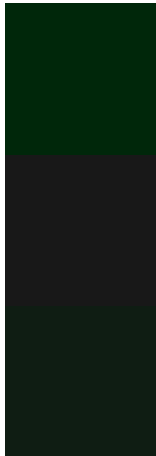
Original Color
00270A

Protanomaly
182309

Deuteranomaly
1B230C

Tritanomaly
0A251C

Monochromacy



Original Color
00270A

Achromatopsia
181818

Achromatomaly
0F1D13

CSS Examples

Text

The CSS property to change the color of the text to Hex 00270A 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 #00270A looks like.

```
.text, #text, p{  
    color:#00270A  
}
```

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 #00270A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00270A
}
```

Border

The CSS property to change the border of an element to Hex 00270A 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".

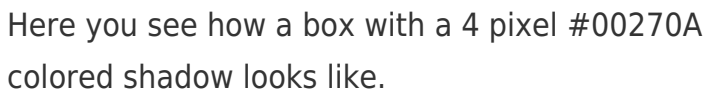
```
.border, #border, table{ border:4px solid
#00270A }
```

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

```
.border{ border-color:#00270A }
```

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

Here you see how a box with a 4 pixel #00270A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00270A; -webkit-box-shadow:4px 4px  
4px 4px #00270A; box-shadow:4px 4px 4px  
4px #00270A }
```

Background

The CSS property to change the background color of an element to Hex 00270A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00270A }
```

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

```
.background{ background-color:#00270A }
```

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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