

Converting Colors

Hex(170001)

Have a look what the booklet for
Hex(170001) contains.

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Color

Hex(170001)

Conversions

Conversions Part 1

Format	Color
Hex	170001
RGB	23, 0, 1
RGB Percent	9%, 0%, 0%
CMY	0.9098, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.96, 0.91
HSL	357°, 100%, 5%
HSV	357°, 100%, 9%
XYZ	0.3588, 0.1843, 0.0454
YIQ	6.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

Format	Color
RYB	23, 0, 1
Decimal	1507329
CIELab	1.67, 7.52, 2.22
CIElCh	2, 7.843, 16.458
Yxy	0.1843, 0.6097, 0.3132
Android (android.graphics.Color)	4279697409 (0xFF170001)
YUV	6.9910, -2.9536, 14.0399
Hunter-Lab	4.2936, 7.4040, 2.3788

Details

The Hex color **170001** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001716**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **403031**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **170001**, and if you desaturate by 10%, it is **170203**.

Distribution



Red (9%)

Green (0%)

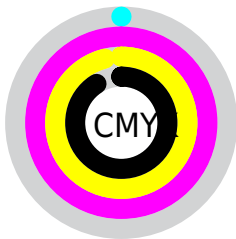
Blue (0%)



Red (9%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (91%)



Cyan (91%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 170001 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 170001 by changing the saturation by 10% instead.

 170001

 170001

 F8E2E3

 000000

 403031

 584647

 705E5F

 8A7778

 A49091

 BFABAC

 DBC6C7

 170001

■ 170203

■ 170505

■ 170708

■ 17090A

■ 170C0C

■ 170E0E

■ 171010

■ 171213

■ 171515

Harmonies

Analogous

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



14000B



170001



140200

Triad

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



170001



000A00



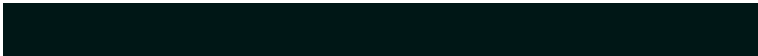
000815

Complementary

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



170001



001716

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.



000B12



170001



000B01

Square

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



170001



040800



000C0B



030515

Rectangle

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



170001



100300



000C0B



000914

Sweetspot

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



170001



1F1516



160017



0F0A0A



8F8F8F



0F0F0F

Same Dimension

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



170001



1F0001



170A00



0D0B0C



4D0003



CC0009

Inverse Universe

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



170001



1F0001



000D17



0D0B0C



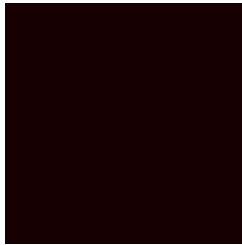
4D0003



CC0009

Previews

White Background



This preview shows how the Hex color 170001 looks on a white background.

Color Contrast Check

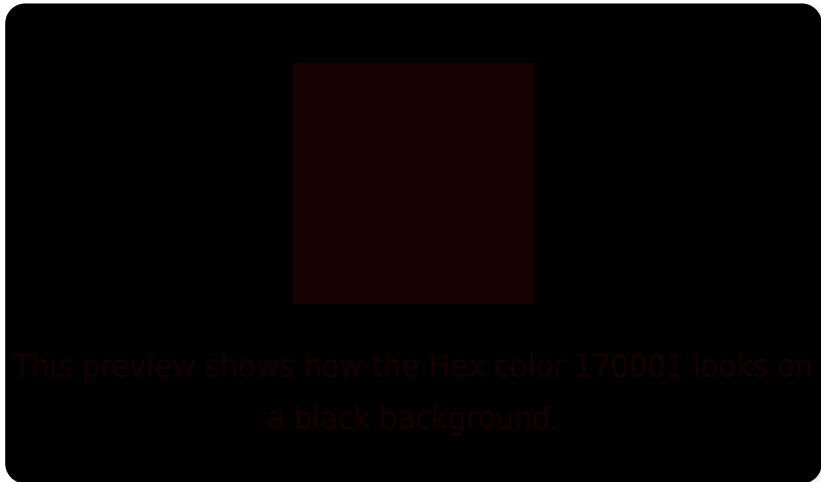
Large Text (above 18pt) WCAG AA ✓ Pass

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

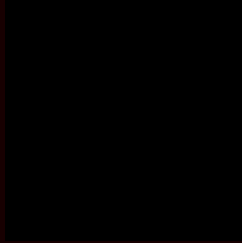
Any Text WCAG AA × Fail

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 170001 Background



This preview shows how black text looks on a background with the Hex color 170001.

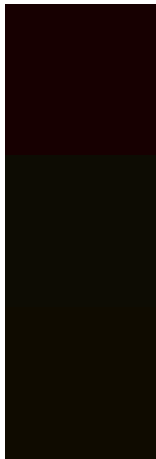


This preview shows how white text looks on a background with the Hex color 170001.

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](#).

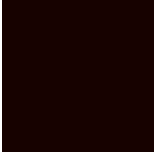
Dichromacy



Original Color
170001

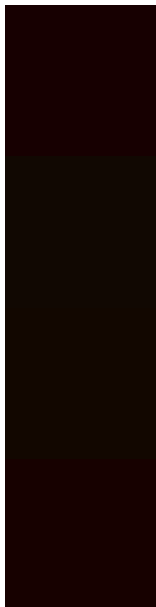
Protanopia
0D0C03

Deuteranopia
0F0B00



Tritanopia
170200

Trichromacy



Original Color

170001

Protanomaly

110802

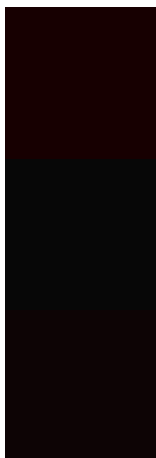
Deuteranomaly

120700

Tritanomaly

170100

Monochromacy



Original Color

170001

Achromatopsia

070707

Achromatomaly

0D0405

CSS Examples

Text

The CSS property to change the color of the text to Hex 170001 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 #170001 looks like.

```
.text, #text, p{  
    color:#170001  
}
```

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 #170001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #170001
}
```

Border

The CSS property to change the border of an element to Hex 170001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

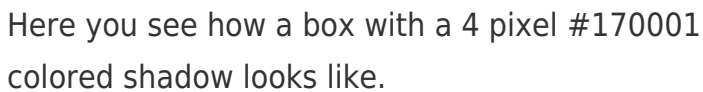
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#170001 }
```

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

```
.border{ border-color:#170001 }
```

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



Here you see how a box with a 4 pixel #170001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #170001; -webkit-box-shadow:4px 4px  
4px 4px #170001; box-shadow:4px 4px 4px  
4px #170001 }
```

Background

The CSS property to change the background color of an element to Hex 170001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#170001 }
```

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

```
.background{ background-color:#170001 }
```

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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