

Converting Colors

Hex(17001B)

Have a look what the booklet for
Hex(17001B) contains.

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Color

Hex(17001B)

Conversions

Conversions Part 1

Format	Color
Hex	17001B
RGB	23, 0, 27
RGB Percent	9%, 0%, 11%
CMY	0.9098, 1.0000, 0.8941
CMYK	0.15, 1.00, 0.00, 0.89
HSL	291°, 100%, 5%
HSV	291°, 100%, 11%
XYZ	0.5512, 0.2613, 1.0583
YIQ	9.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

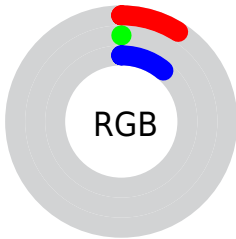
Format	Color
RYB	23, 0, 27
Decimal	1507355
CIELab	2.36, 12.41, -11.03
CIELCh	2, 16.597, 318.367
Yxy	0.2613, 0.2946, 0.1397
Android (android.graphics.Color)	4279697435 (0xFF17001B)
YUV	9.9550, 8.4032, 11.4405
Hunter-Lab	5.1117, 10.3019, -8.6970

Details

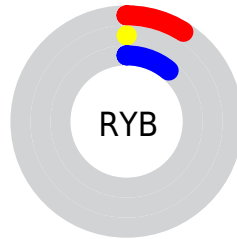
The Hex color **17001B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **041B00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **403046**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17001B**, and if you desaturate by 10%, it is **17031B**.

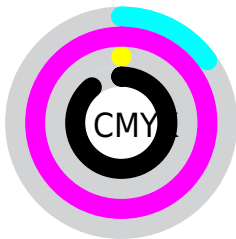
Distribution



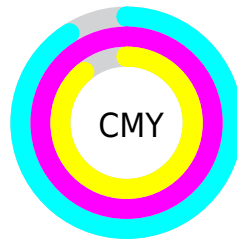
- Red (9%)
- Green (0%)
- Blue (11%)



- Red (9%)
- Yellow (0%)
- Blue (11%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17001B 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 17001B by changing the saturation by 10% instead.

 17001B

 17001B

 F8E2FE

 000000

 403046

 58465E

 705E76

 8A7690

 A490AA

 BFABC6

 DBC6E2

 17001B

■ 17031B

■ 18051B

■ 18081B

■ 190B1B

■ 190E1B

■ 19101B

■ 1A131B

■ 1A161B

■ 1B181B

Harmonies

Analogous

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



030621



17001B



200010

Triad

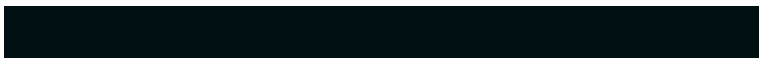
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17001B



130600



001013

Complementary

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



17001B



041B00

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.



000F00



17001B



000C00

Square

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



17001B



1E0000



000F00



00101C

Rectangle

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



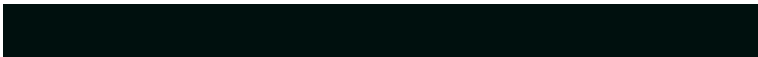
17001B



230003



000F00



00100E

Sweetspot

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



17001B



221924



00041B



110B12



919191



121212

Same Dimension

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



17001B



1E0024



1B0012



0D0B0D



41004D



AE00CC

Inverse Universe

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



1B0004



240005



001B09



0D0B0C



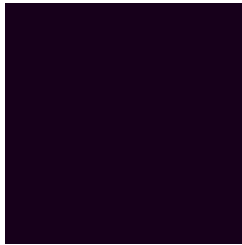
4D000B



CC001E

Previews

White Background



This preview shows how the Hex color 17001B looks on a white background.

Color Contrast Check

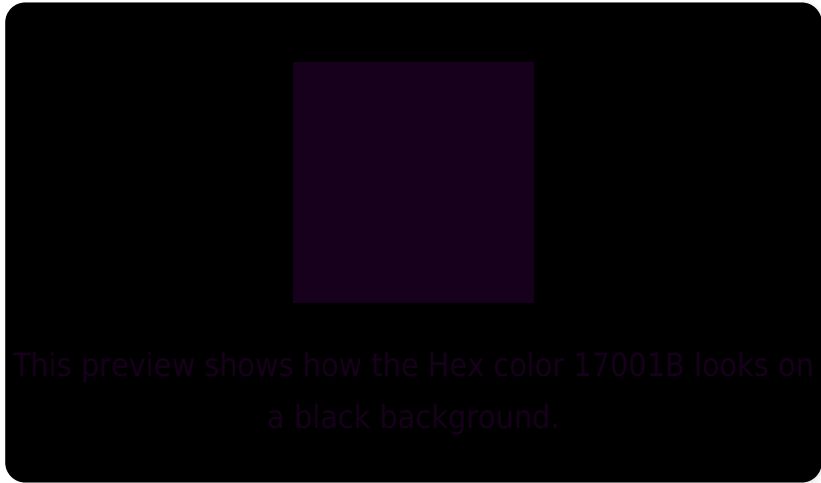
Large Text (above 18pt) WCAG AA ✓ Pass

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

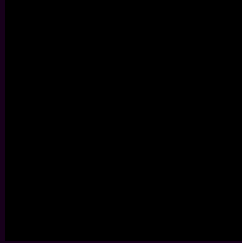
Any Text WCAG AA × Fail

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 17001B Background



This preview shows how black text looks on a background with the Hex color 17001B.



This preview shows how white text looks on a background with the Hex color 17001B.

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](#).

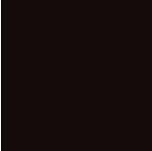
Dichromacy



Original Color
17001B

Protanopia
000D1C

Deuteranopia
000E19



Tritanopia
150B0B

Trichromacy



Original Color
17001B

Protanomaly
08081C

Deuteranomaly
08091A

Tritanomaly
160711

Monochromacy



Original Color
17001B

Achromatopsia
0A0A0A

Achromatomaly
0F0610

CSS Examples

Text

The CSS property to change the color of the text to Hex 17001B 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 #17001B looks like.

```
.text, #text, p{  
    color:#17001B  
}
```

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 #17001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17001B
}
```

Border

The CSS property to change the border of an element to Hex 17001B is called "border". The border property can be set on classes, ids or directly on the HTML element.

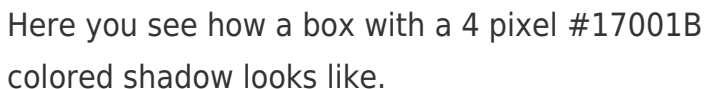
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#17001B }
```

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

```
.border{ border-color:#17001B }
```

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



Here you see how a box with a 4 pixel #17001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17001B; -webkit-box-shadow:4px 4px  
4px 4px #17001B; box-shadow:4px 4px 4px  
4px #17001B }
```

Background

The CSS property to change the background color of an element to Hex 17001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17001B }
```

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

```
.background{ background-color:#17001B }
```

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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