

Converting Colors

Hex(16001A)

Have a look what the booklet for
Hex(16001A) contains.

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Color

Hex(16001A)

Conversions

Conversions Part 1

Format	Color
Hex	16001A
RGB	22, 0, 26
RGB Percent	9%, 0%, 10%
CMY	0.9137, 1.0000, 0.8980
CMYK	0.15, 1.00, 0.00, 0.90
HSL	291°, 100%, 5%
HSV	291°, 100%, 10%
XYZ	0.5173, 0.2452, 0.9973
YIQ	9.5420, 4.7660, 12.7500

Conversions

Conversions Part 2

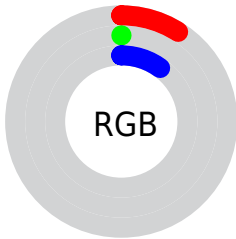
Format	Color
RYB	22, 0, 26
Decimal	1441818
CIELab	2.21, 11.65, -10.44
CIELCh	2, 15.642, 318.122
Yxy	0.2452, 0.2940, 0.1393
Android (android.graphics.Color)	4279631898 (0xFF16001A)
YUV	9.5420, 8.1138, 10.9257
Hunter-Lab	4.9513, 9.9855, -8.4768

Details

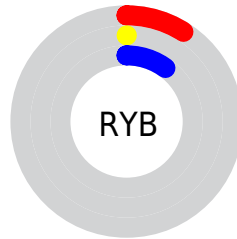
The Hex color **16001A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **041A00**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3F3045**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **16001A**, and if you desaturate by 10%, it is **16031A**.

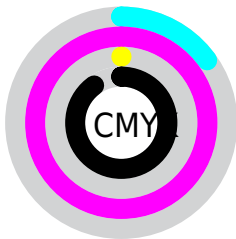
Distribution



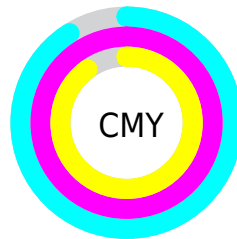
- Red (9%)
- Green (0%)
- Blue (10%)



- Red (9%)
- Yellow (0%)
- Blue (10%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (90%)



- Cyan (91%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16001A 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 16001A by changing the saturation by 10% instead.

 16001A

 16001A

 F6E2FD

 000000

 3F3045

 57465C

 6F5E75

 89778F

 A390A9

 BEABC4

 DAC6E0

 16001A

■ 16031A

■ 17051A

■ 17081A

■ 180A1A

■ 180D1A

■ 18101A

■ 19121A

■ 19151A

■ 1A171A

Harmonies

Analogous

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



03061F



16001A



1F0010

Triad

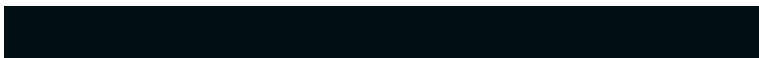
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16001A



130500



000F12

Complementary

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



16001A



041A00

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



16001A



000B00

Square

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



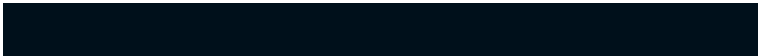
16001A



1D0000



000F00



00101B

Rectangle

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



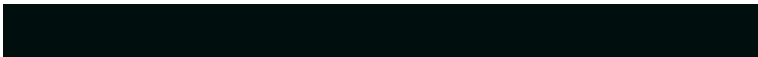
16001A



210003



000F00



000F0D

Sweetspot

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



16001A



201721



00041A



110B12



919191



121212

Same Dimension

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



16001A



1C0021



1A0011



0D0B0D



41004D



AD00CC

Inverse Universe

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



1A0004



210005



001A09



0D0B0C



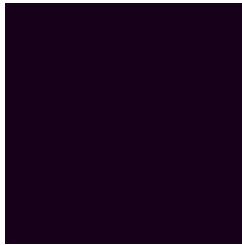
4D000C



CC001F

Previews

White Background



This preview shows how the Hex color 16001A looks on a white background.

Color Contrast Check

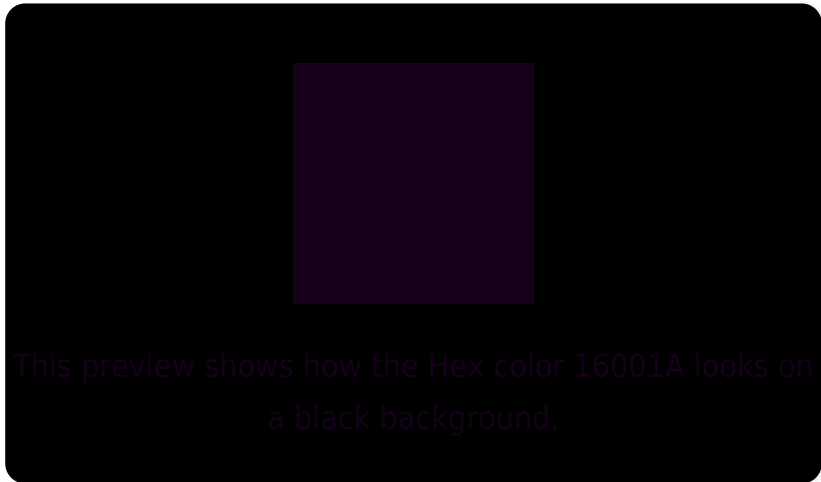
Large Text (above 18pt) WCAG AA ✓ Pass

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

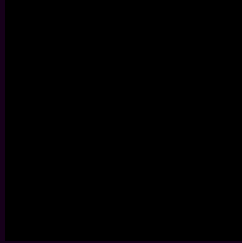
Any Text WCAG AA × Fail

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 16001A Background



This preview shows how black text looks on a background with the Hex color 16001A.



This preview shows how white text looks on a background with the Hex color 16001A.

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](#).

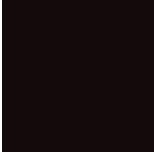
Dichromacy



Original Color
16001A

Protanopia
000D1B

Deuteranopia
000D18



Tritanopia
140A0B

Trichromacy



Original Color

16001A

Protanomaly

08081B

Deuteranomaly

080819

Tritanomaly

150610

Monochromacy



Original Color

16001A

Achromatopsia

0A0A0A

Achromatomaly

0E0610

CSS Examples

Text

The CSS property to change the color of the text to Hex 16001A 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 #16001A looks like.

```
.text, #text, p{  
    color:#16001A  
}
```

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 #16001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16001A
}
```

Border

The CSS property to change the border of an element to Hex 16001A is called "border". The border property can be set on classes, ids or directly on the HTML element.

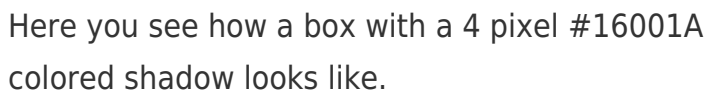
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16001A }
```

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

```
.border{ border-color:#16001A }
```

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



Here you see how a box with a 4 pixel #16001A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16001A; -webkit-box-shadow:4px 4px  
4px 4px #16001A; box-shadow:4px 4px 4px  
4px #16001A }
```

Background

The CSS property to change the background color of an element to Hex 16001A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16001A }
```

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

```
.background{ background-color:#16001A }
```

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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