

Converting Colors

Hex(001A10)

Have a look what the booklet for
Hex(001A10) contains.

Hex(001A10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(001A10)

Conversions

Conversions Part 1

Format	Color
Hex	001A10
RGB	0, 26, 16
RGB Percent	0%, 10%, 6%
CMY	1.0000, 0.8980, 0.9373
CMYK	1.00, 0.00, 0.38, 0.90
HSL	157°, 100%, 5%
HSV	157°, 100%, 10%
XYZ	0.4629, 0.7762, 0.6156
YIQ	17.0860, -12.2860, -8.6220

Conversions

Conversions Part 2

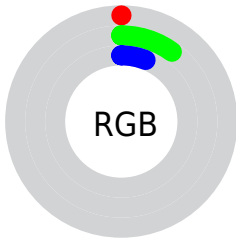
Format	Color
RYB	0, 16, 26
Decimal	6672
CIELab	7.01, -11.26, 3.28
CIELCh	7, 11.727, 163.744
Yxy	0.7762, 0.2496, 0.4185
Android (android.graphics.Color)	4278196752 (0xFF001A10)
YUV	17.0860, -0.5354, -14.9844
Hunter-Lab	8.8102, -6.0388, 2.0241

Details

The Hex color **001A10** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1A000A**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **2E453B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001A10**, and if you desaturate by 10%, it is **031A11**.

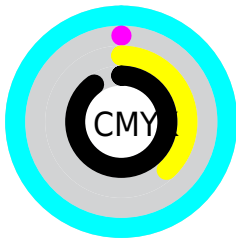
Distribution



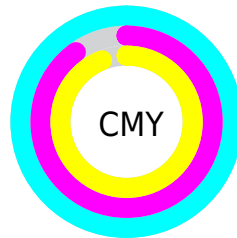
- Red (0%)
- Green (10%)
- Blue (6%)



- Red (0%)
- Yellow (6%)
- Blue (10%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (90%)



- Cyan (100%)
- Magenta (90%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001A10 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 001A10 by changing the saturation by 10% instead.

 001A10

 001A10

 E1FDF0

 000000

 2E453B

 455C51

 5D756A

 768E83

 8FA99D

 AAC4B8

 C5E0D3

 001A10

■ 031A11

■ 051A12

■ 081A13

■ 0A1A14

■ 0D1A15

■ 101A16

■ 121A17

■ 151A18

■ 171A19

Harmonies

Analogous

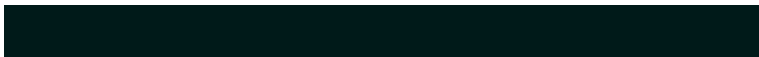
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E1905



001A10



001A19

Triad

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



001A10



101524



241106

Complementary

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



001A10



1A000A

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.



250F12



001A10



1B1221

Square

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



001A10



011824



22101A



201300

Rectangle

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



001A10



001A1E



22101A



24100A

Sweetspot

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



001A10



17211D



0A1A00



0B120F



919191



121212

Same Dimension

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



001A10



002114



00171A



0B0D0C



004D2F



00CC7E

Inverse Universe

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



1A000A



21000D



1A0300



0D0B0C



4D001D



CC004E

Previews

White Background



This preview shows how the Hex color 001A10 looks on a white background.

Color Contrast Check

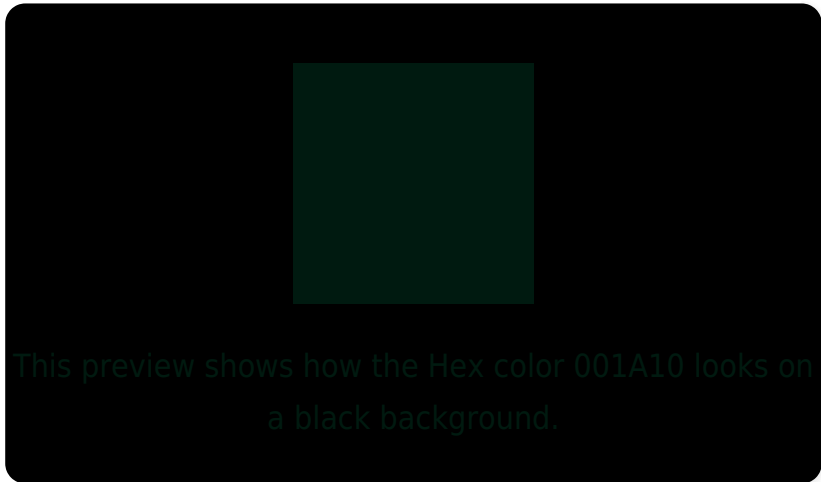
Large Text (above 18pt) WCAG AA ✓ Pass

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 001A10 Background



This preview shows how black text looks on a background with the Hex color 001A10.



This preview shows how white text looks on a background with the Hex color 001A10.

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
001A10

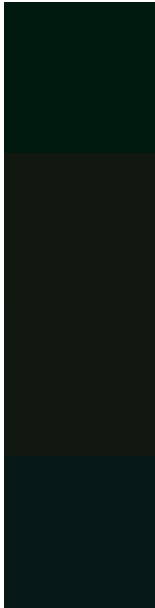
Protanopia
19170F

Deuteranopia
1B1611



Tritanopia
09191B

Trichromacy



Original Color
001A10

Protanomaly
10180F

Deuteranomaly
111711

Tritanomaly
061917

Monochromacy



Original Color
001A10

Achromatopsia
111111

Achromatomaly
0B1411

CSS Examples

Text

The CSS property to change the color of the text to Hex 001A10 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 #001A10 looks like.

```
.text, #text, p{  
    color:#001A10  
}
```

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 #001A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A10
}
```

Border

The CSS property to change the border of an element to Hex 001A10 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
#001A10 }
```

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

```
.border{ border-color:#001A10 }
```

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

Here you see how a box with a 4 pixel #001A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A10; -webkit-box-shadow:4px 4px  
4px 4px #001A10; box-shadow:4px 4px 4px  
4px #001A10 }
```

Background

The CSS property to change the background color of an element to Hex 001A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A10 }
```

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

```
.background{ background-color:#001A10 }
```

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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