

Converting Colors

Hex(001A27)

Have a look what the booklet for
Hex(001A27) contains.

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Color

Hex(001A27)

Conversions

Conversions Part 1

Format	Color
Hex	001A27
RGB	0, 26, 39
RGB Percent	0%, 10%, 15%
CMY	1.0000, 0.8980, 0.8471
CMYK	1.00, 0.33, 0.00, 0.85
HSL	200°, 100%, 8%
HSV	200°, 100%, 15%
XYZ	0.7356, 0.8853, 2.0516
YIQ	19.7080, -19.6690, -1.4690

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 39
Decimal	6695
CIELab	8.00, -4.33, -11.85
CIElCh	8, 12.614, 249.901
Yxy	0.8853, 0.2003, 0.2411
Android (android.graphics.Color)	4278196775 (0xFF001A27)
YUV	19.7080, 9.5110, -17.2839
Hunter-Lab	9.4089, -2.5101, -6.3416

Details

The Hex color **001A27** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **270D00**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **2E4554**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001A27**, and if you desaturate by 10%, it is **041B27**.

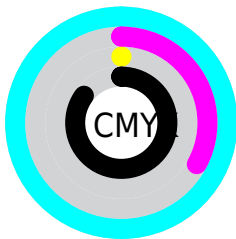
Distribution



- Red (0%)
- Green (10%)
- Blue (15%)



- Red (0%)
- Yellow (6%)
- Blue (15%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (85%)



- Cyan (100%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001A27 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 001A27 by changing the saturation by 10% instead.

■ 001A27

■ 001A27

■ E4FDFF

■ 000112

■ 2E4554

■ 000000

■ 455C6C

■ 5E7586

■ 778FA0

■ 91A9BB

■ ACC4D6

■ C7E0F3

■ 001A27

■ 041B27

■ 081D27

■ 0C1E27

■ 101F27

■ 142127

■ 172227

■ 1B2327

■ 1F2427

■ 232627

Harmonies

Analogous

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



001C22



001A27



0F1728

Triad

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



001A27



271115



121A05

Complementary

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



001A27



270D00

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.



1C1800



001A27



27120A

Square

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



001A27



24121D



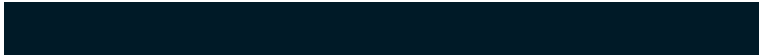
231501



031C11

Rectangle

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



001A27



181526



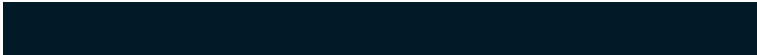
231501



151A02

Sweetspot

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



001A27



242E33



00270D



10161A



999999



1A1A1A

Same Dimension

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



001A27



002233



000727



121414



003854



008DD4

Inverse Universe

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



27001A



330022



272100



141214



540038



D4008D

Previews

White Background



This preview shows how the Hex color 001A27 looks on a white background.

Color Contrast Check

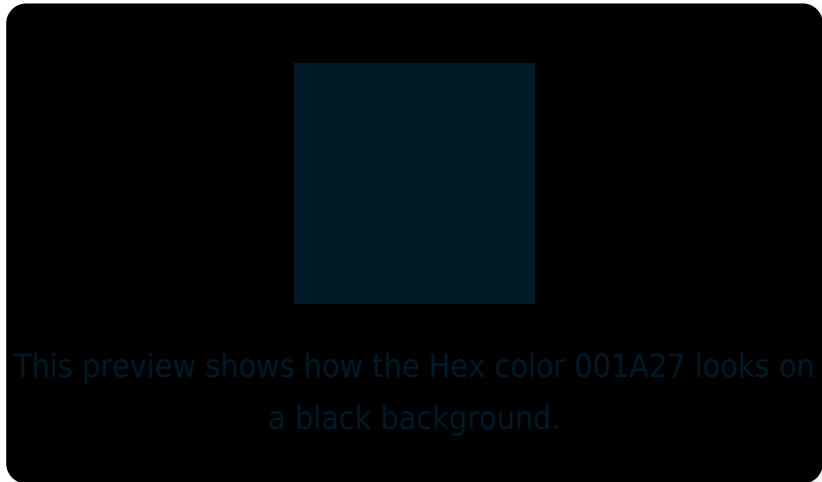
Large Text (above 18pt) WCAG AA ✓ Pass

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

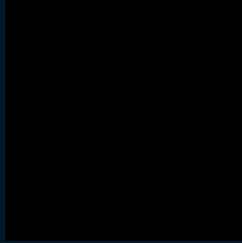
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

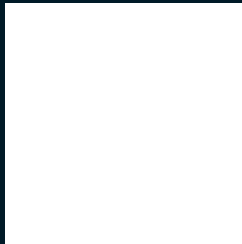
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001A27 Background



This preview shows how black text looks on a background with the Hex color 001A27.



This preview shows how white text looks on a background with the Hex color 001A27.

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
001A27

Protanopia
141825

Deuteranopia
101927



Tritanopia
001B1D

Trichromacy



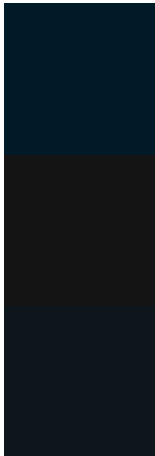
Original Color
001A27

Protanomaly
0D1926

Deuteranomaly
0A1927

Tritanomaly
001B21

Monochromacy



Original Color
001A27

Achromatopsia
141414

Achromatomaly
0D161B

CSS Examples

Text

The CSS property to change the color of the text to Hex 001A27 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 #001A27 looks like.

```
.text, #text, p{  
  color:#001A27  
}
```

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 #001A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A27
}
```

Border

The CSS property to change the border of an element to Hex 001A27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

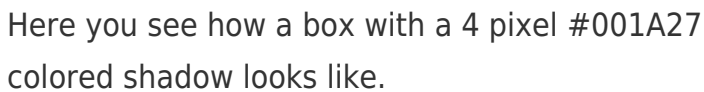
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001A27 }
```

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

```
.border{ border-color:#001A27 }
```

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



Here you see how a box with a 4 pixel #001A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A27; -webkit-box-shadow:4px 4px  
4px 4px #001A27; box-shadow:4px 4px 4px  
4px #001A27 }
```

Background

The CSS property to change the background color of an element to Hex 001A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A27 }
```

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

```
.background{ background-color:#001A27 }
```

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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