

Converting Colors

Hex(001A20)

Have a look what the booklet for
Hex(001A20) contains.

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Color

Hex(001A20)

Conversions

Conversions Part 1

Format	Color
Hex	001A20
RGB	0, 26, 32
RGB Percent	0%, 10%, 13%
CMY	1.0000, 0.8980, 0.8745
CMYK	1.00, 0.19, 0.00, 0.87
HSL	191°, 100%, 6%
HSV	191°, 100%, 13%
XYZ	0.6301, 0.8431, 1.4960
YIQ	18.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

Format	Color
RYB	0, 14, 32
Decimal	6688
CIELab	7.62, -7.01, -7.19
CIElCh	8, 10.041, 225.696
Yxy	0.8431, 0.2122, 0.2839
Android (android.graphics.Color)	4278196768 (0xFF001A20)
YUV	18.9100, 6.4534, -16.5841
Hunter-Lab	9.1819, -3.8188, -3.2329

Details

The Hex color **001A20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **200600**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **2D454C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001A20**, and if you desaturate by 10%, it is **031B20**.

Distribution



- Red (0%)
- Green (10%)
- Blue (13%)



- Red (0%)
- Yellow (5%)
- Blue (13%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001A20 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 001A20 by changing the saturation by 10% instead.

 001A20

 001A20

 E2FDFE

 000007

 2D454C

 000000

 445C64

 5C757D

 768F97

 8FA9B1

 AAC4CD

 C6E0E9

 001A20

■ 031B20

■ 061B20

■ 0A1C20

■ 0D1C20

■ 101D20

■ 131E20

■ 161E20

■ 1A1F20

■ 1D1F20

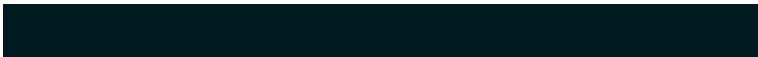
Harmonies

Analogous

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



001B1A



001A20



081823

Triad

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



001A20



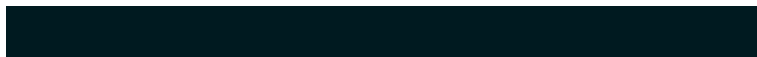
22121A



191704

Complementary

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



001A20



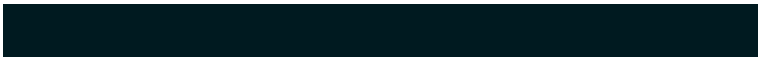
200600

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.



1F1504



001A20



241213

Square

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



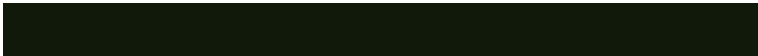
001A20



1C1420



23130B



10190A

Rectangle

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



001A20



0F1724



23130B



1B1703

Sweetspot

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



001A20



1D2729



002006



0D1314



949494



141414

Same Dimension

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



001A20



002129



000A20



0E0F0F



00404F



00A8CF

Inverse Universe

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



20001A



290021



201600



0F0E0F



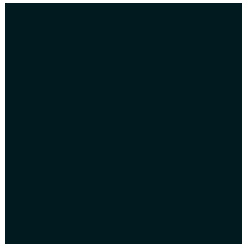
4F0040



CF00A8

Previews

White Background



This preview shows how the Hex color 001A20 looks on a white background.

Color Contrast Check

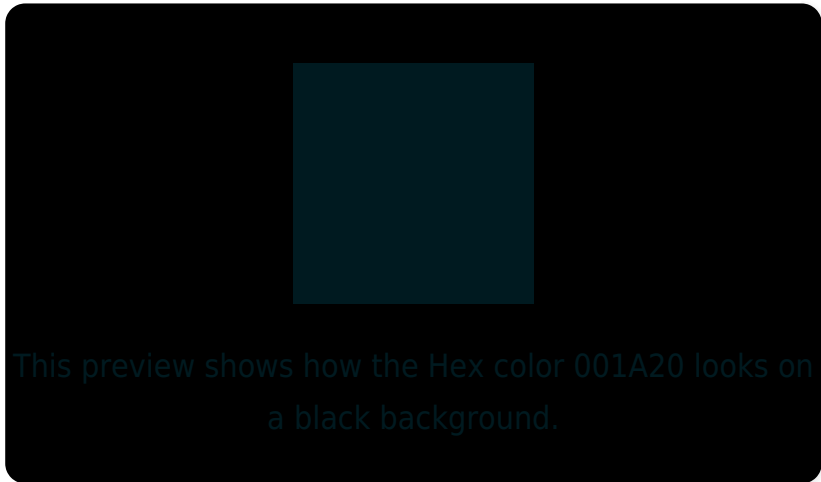
Large Text (above 18pt) WCAG AA ✓ Pass

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

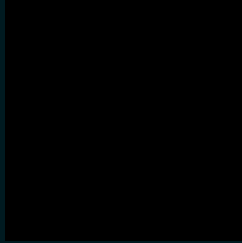
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

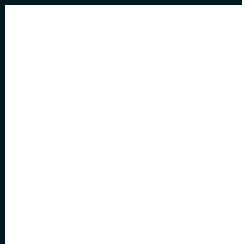
Any Text WCAG AAA × Fail

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

Hex 001A20 Background



This preview shows how black text looks on a background with the Hex color 001A20.



This preview shows how white text looks on a background with the Hex color 001A20.

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
001A20

Protanopia
16171E

Deuteranopia
151721

Trichromacy



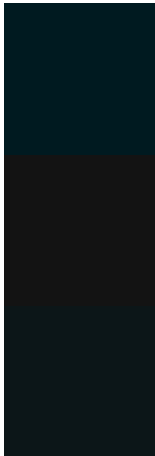
Original Color
001A20

Protanomaly
0E181F

Deuteranomaly
0D1821

Tritanomaly
001A1D

Monochromacy



Original Color
001A20

Achromatopsia
131313

Achromatomaly
0C1618

CSS Examples

Text

The CSS property to change the color of the text to Hex 001A20 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 #001A20 looks like.

```
.text, #text, p{  
    color:#001A20  
}
```

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 #001A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001A20
}
```

Border

The CSS property to change the border of an element to Hex 001A20 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
#001A20 }
```

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

```
.border{ border-color:#001A20 }
```

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

Here you see how a box with a 4 pixel #001A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001A20; -webkit-box-shadow:4px 4px  
4px 4px #001A20; box-shadow:4px 4px 4px  
4px #001A20 }
```

Background

The CSS property to change the background color of an element to Hex 001A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001A20 }
```

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

```
.background{ background-color:#001A20 }
```

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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