

Converting Colors

Hex(001420)

Have a look what the booklet for
Hex(001420) contains.

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Color

Hex(001420)

Conversions

Conversions Part 1

Format	Color
Hex	001420
RGB	0, 20, 32
RGB Percent	0%, 8%, 13%
CMY	1.0000, 0.9216, 0.8745
CMYK	1.00, 0.38, 0.00, 0.87
HSL	202°, 100%, 6%
HSV	202°, 100%, 13%
XYZ	0.5109, 0.6046, 1.4563
YIQ	15.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

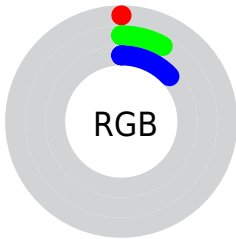
Format	Color
RYB	0, 12, 32
Decimal	5152
CIELab	5.46, -2.61, -10.47
CIELCh	5, 10.793, 255.990
Yxy	0.6046, 0.1986, 0.2351
Android (android.graphics.Color)	4278195232 (0xFF001420)
YUV	15.3880, 8.1897, -13.4953
Hunter-Lab	7.7756, -1.8795, -5.6614

Details

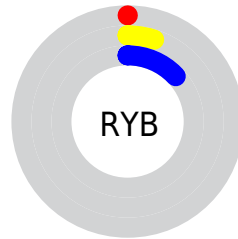
The Hex color **001420** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **200C00**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **2E3E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **001420**, and if you desaturate by 10%, it is **031520**.

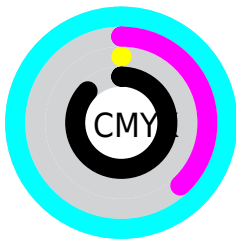
Distribution



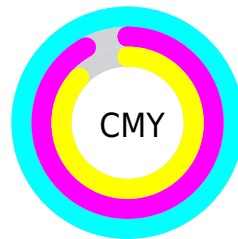
- Red (0%)
- Green (8%)
- Blue (13%)



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



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001420 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 001420 by changing the saturation by 10% instead.

■ 001420

■ 001420

■ E2F4FF

■ 000006

■ 2E3E4C

■ 000000

■ 455564

■ 5D6E7D

■ 768797

■ 90A1B1

■ AABCCD

■ C6D8E9

■ 001420

■ 031520

■ 061620

■ 0A1820

■ 0D1920

■ 101A20

■ 131B20

■ 161C20

■ 1A1E20

■ 1D1F20

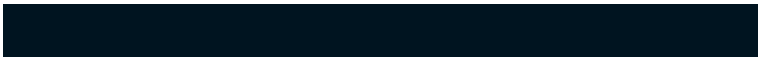
Harmonies

Analogous

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



00161C



001420



0E1120

Triad

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



001420



210B0D



081501

Complementary

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



001420



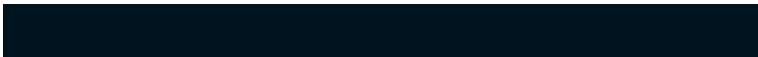
200C00

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.



141300



001420



200D01

Square

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



001420



1F0C16



1C1000



00170D

Rectangle

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



001420



160F1E



1C1000



0D1500

Sweetspot

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



001420



1D2429



00200C



0D1214



949494



141414

Same Dimension

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



001420



001A29



000420



0E0F0F



00314F



0081CF

Inverse Universe

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



200014



29001A



201C00



0F0E0F



4F0031



CF0081

Previews

White Background



This preview shows how the Hex color 001420 looks on a white background.

Color Contrast Check

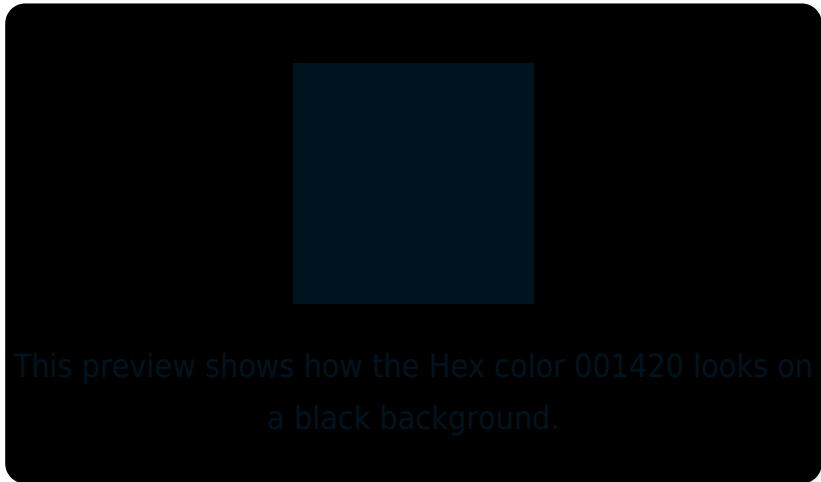
Large Text (above 18pt) WCAG AA ✓ Pass

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

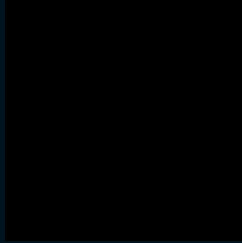
Any Text WCAG AA × Fail

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 001420 Background



This preview shows how black text looks on a background with the Hex color 001420.



This preview shows how white text looks on a background with the Hex color 001420.

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
001420

Protanopia
0E131F

Deuteranopia
0A1320



Tritanopia
001517

Trichromacy



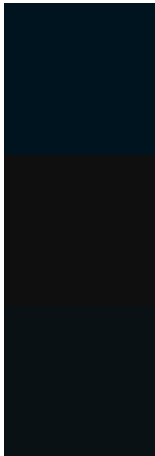
Original Color
001420

Protanomaly
09131F

Deuteranomaly
061320

Tritanomaly
00151A

Monochromacy



Original Color
001420

Achromatopsia
0F0F0F

Achromatomaly
0A1115

CSS Examples

Text

The CSS property to change the color of the text to Hex 001420 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 #001420 looks like.

```
.text, #text, p{  
    color:#001420  
}
```

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 #001420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001420
}
```

Border

The CSS property to change the border of an element to Hex 001420 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
#001420 }
```

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

```
.border{ border-color:#001420 }
```

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

Here you see how a box with a 4 pixel #001420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001420; -webkit-box-shadow:4px 4px  
4px 4px #001420; box-shadow:4px 4px 4px  
4px #001420 }
```

Background

The CSS property to change the background color of an element to Hex 001420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001420 }
```

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

```
.background{ background-color:#001420 }
```

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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