

Converting Colors

Hex(002128)

Have a look what the booklet for
Hex(002128) contains.

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Color

Hex(002128)

Conversions

Conversions Part 1

Format	Color
Hex	002128
RGB	0, 33, 40
RGB Percent	0%, 13%, 16%
CMY	1.0000, 0.8706, 0.8431
CMYK	1.00, 0.18, 0.00, 0.84
HSL	190°, 100%, 8%
HSV	190°, 100%, 16%
XYZ	0.9269, 1.2409, 2.1982
YIQ	23.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

Format	Color
RYB	0, 18, 40
Decimal	8488
CIELab	10.86, -8.94, -8.15
CIELCh	11, 12.097, 222.385
Yxy	1.2409, 0.2123, 0.2842
Android (android.graphics.Color)	4278198568 (0xFF002128)
YUV	23.9310, 7.9220, -20.9875
Hunter-Lab	11.1396, -4.6425, -3.9018

Details

The Hex color **002128** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280700**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **2F4D55**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002128**, and if you desaturate by 10%, it is **042228**.

Distribution



- Red (0%)
- Green (13%)
- Blue (16%)



- Red (0%)
- Yellow (7%)
- Blue (16%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002128 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 002128 by changing the saturation by 10% instead.

 002128

 002128

 E6FFFF

 000714

 2F4D55

 000000

 47656D

 5F7E87

 7898A1

 93B3BC

 AECED7

 C9EBF4

 002128

■ 042228

■ 082228

■ 0C2328

■ 102428

■ 142528

■ 182528

■ 1C2628

■ 202728

■ 242728

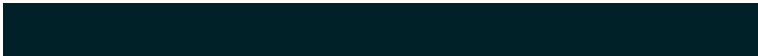
Harmonies

Analogous

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



022220



002128



081F2D

Triad

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



002128



2A1722



201E0A

Complementary

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



002128



280700

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.



271B0B



002128



2D171A

Square

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



002128



221A29



2C1812



162010

Rectangle

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



002128



121E2D



2C1812



221D0A

Sweetspot

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



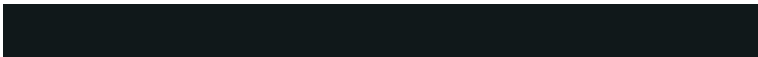
002128



243033



002807



10181A



999999



1A1A1A

Same Dimension

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



002128



002A33



000D28



121414



004554



00AFD4

Inverse Universe

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



280021



33002A



281B00



141214



540045



D400AF

Previews

White Background



This preview shows how the Hex color 002128 looks on a white background.

Color Contrast Check

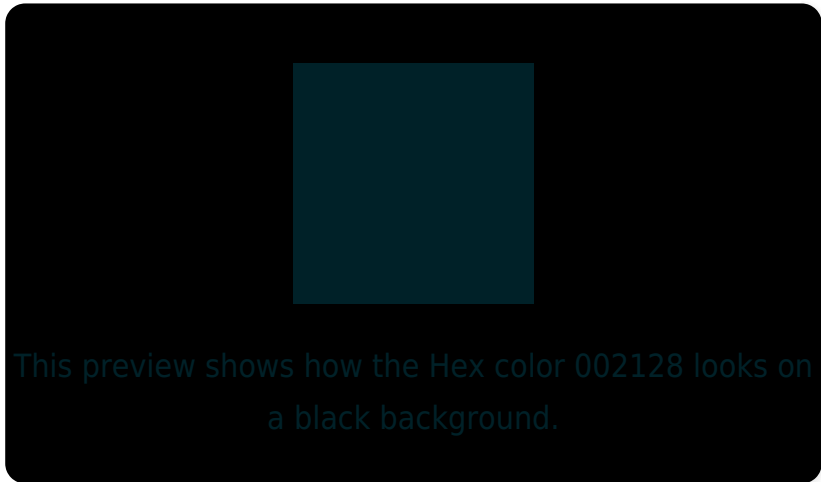
Large Text (above 18pt) WCAG AA ✓ Pass

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

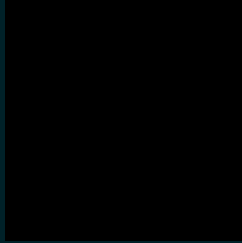
Any Text WCAG AA × Fail

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 002128 Background



This preview shows how black text looks on a background with the Hex color 002128.



This preview shows how white text looks on a background with the Hex color 002128.

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
002128

Protanopia
1C1E26

Deuteranopia
1B1E29

Trichromacy



Original Color
002128

Protanomaly
121F27

Deuteranomaly
111F29

Tritanomaly
002125

Monochromacy



Original Color
002128

Achromatopsia
181818

Achromatomaly
0F1B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 002128 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 #002128 looks like.

```
.text, #text, p{  
    color:#002128  
}
```

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 #002128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002128
}
```

Border

The CSS property to change the border of an element to Hex 002128 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
#002128 }
```

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

```
.border{ border-color:#002128 }
```

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

Here you see how a box with a 4 pixel #002128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002128; -webkit-box-shadow:4px 4px  
4px 4px #002128; box-shadow:4px 4px 4px  
4px #002128 }
```

Background

The CSS property to change the background color of an element to Hex 002128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002128 }
```

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

```
.background{ background-color:#002128 }
```

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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