

Converting Colors

Hex(002827)

Have a look what the booklet for
Hex(002827) contains.

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Color

Hex(002827)

Conversions

Conversions Part 1

Format	Color
Hex	002827
RGB	0, 40, 39
RGB Percent	0%, 16%, 15%
CMY	1.0000, 0.8431, 0.8471
CMYK	1.00, 0.00, 0.02, 0.84
HSL	178°, 100%, 8%
HSV	178°, 100%, 16%
XYZ	1.1250, 1.6641, 2.1814
YIQ	27.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

Format	Color
RYB	0, 20, 40
Decimal	10279
CIELab	13.62, -13.70, -3.26
CIELCh	14, 14.085, 193.375
Yxy	1.6641, 0.2263, 0.3348
Android (android.graphics.Color)	4278200359 (0xFF002827)
YUV	27.9260, 5.4595, -24.4911
Hunter-Lab	12.8999, -7.0078, -0.9960

Details

The Hex color **002827** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280001**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **305554**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002827**, and if you desaturate by 10%, it is **042827**.

Distribution



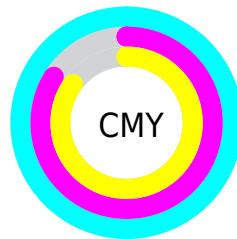
- Red (0%)
- Green (16%)
- Blue (15%)



- Red (0%)
- Yellow (8%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002827 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 002827 by changing the saturation by 10% instead.

 002827

 002827

 E8FFFF

 001512

 305554

 000000

 486E6C

 618785

 7AA19F

 95BDBA

 B0D8D6

 CBF5F2

 002827

■ 042827

■ 082827

■ 0C2827

■ 102827

■ 142828

■ 182828

■ 1C2828

■ 202828

■ 242828

Harmonies

Analogous

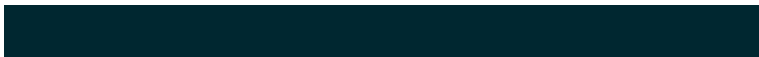
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0D281D



002827



002730

Triad

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



002827



291F31



2E200F

Complementary

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



002827



280001

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.



341D16



002827



321C29

Square

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



002827



1B2236



361B1F



25240F

Rectangle

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



002827



032634



361B1F



301F11

Sweetspot

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



002827



243333



012800



101A19



999999



1A1A1A

Same Dimension

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



002827



003332



001528



121414



005452



00D4CE

Inverse Universe

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



280001



330001



281300



141212



540002



D40005

Previews

White Background



This preview shows how the Hex color 002827 looks on a white background.

Color Contrast Check

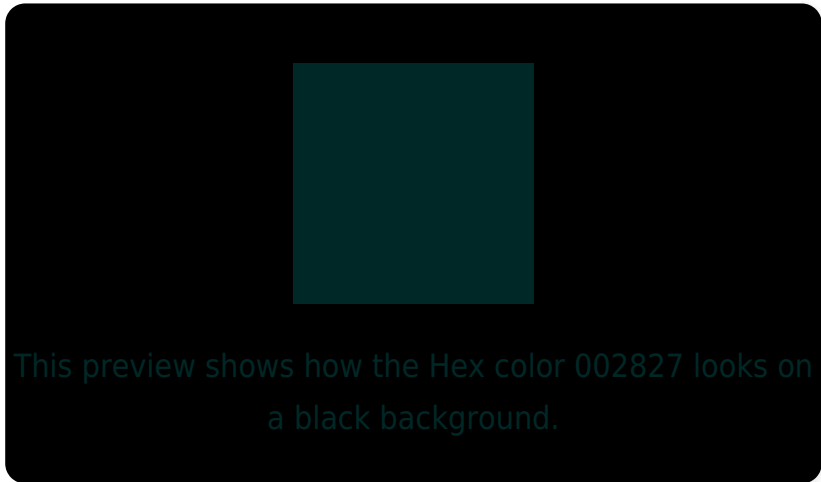
Large Text (above 18pt) WCAG AA ✓ Pass

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

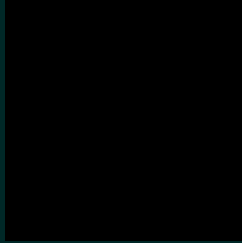
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

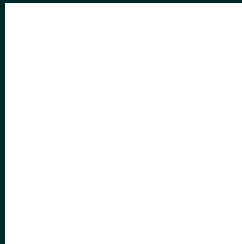
Any Text WCAG AAA × Fail

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

Hex 002827 Background



This preview shows how black text looks on a background with the Hex color 002827.



This preview shows how white text looks on a background with the Hex color 002827.

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
002827

Protanopia
242324

Deuteranopia
252328



Tritanopia
08272B

Trichromacy



Original Color
002827

Protanomaly
172525

Deuteranomaly
182528

Tritanomaly
05272A

Monochromacy



Original Color
002827

Achromatopsia
1C1C1C

Achromatomaly
122020

CSS Examples

Text

The CSS property to change the color of the text to Hex 002827 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 #002827 looks like.

```
.text, #text, p{  
    color:#002827  
}
```

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 #002827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002827
}
```

Border

The CSS property to change the border of an element to Hex 002827 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
#002827 }
```

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

```
.border{ border-color:#002827 }
```

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

Here you see how a box with a 4 pixel #002827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002827; -webkit-box-shadow:4px 4px  
4px 4px #002827; box-shadow:4px 4px 4px  
4px #002827 }
```

Background

The CSS property to change the background color of an element to Hex 002827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002827 }
```

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

```
.background{ background-color:#002827 }
```

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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