

Converting Colors

Hex(003527)

Have a look what the booklet for
Hex(003527) contains.

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Color

Hex(003527)

Conversions

Conversions Part 1

Format	Color
Hex	003527
RGB	0, 53, 39
RGB Percent	0%, 21%, 15%
CMY	1.0000, 0.7922, 0.8471
CMYK	1.00, 0.00, 0.26, 0.79
HSL	164°, 100%, 10%
HSV	164°, 100%, 21%
XYZ	1.6393, 2.6927, 2.3528
YIQ	35.5570, -27.0940, -15.5900

Conversions

Conversions Part 2

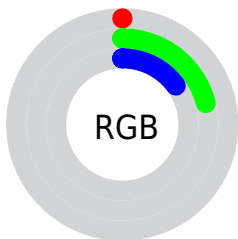
Format	Color
RYB	0, 31, 53
Decimal	13607
CIELab	18.77, -20.68, 4.24
CIELCh	19, 21.110, 168.415
Yxy	2.6927, 0.2452, 0.4028
Android (android.graphics.Color)	4278203687 (0xFF003527)
YUV	35.5570, 1.6974, -31.1835
Hunter-Lab	16.4094, -10.8842, 2.9855

Details

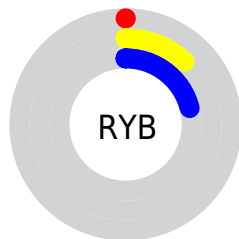
The Hex color **003527** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35000E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **346454**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003527**, and if you desaturate by 10%, it is **053528**.

Distribution



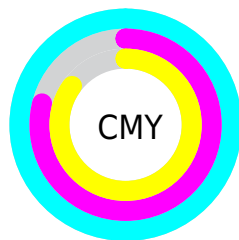
- Red (0%)
- Green (21%)
- Blue (15%)



- Red (0%)
- Yellow (12%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003527 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 003527 by changing the saturation by 10% instead.

 003527

 003527

 EEEFFF

 002013

 346454

 000000

 4D7D6C

 669785

 80B29F

 9ACEBA

 B6EAD6

 D2FFF2

 003527

■ 053528

■ 0B352A

■ 10352B

■ 15352D

■ 1B352E

■ 20352F

■ 253531

■ 2A3532

■ 303534

Harmonies

Analogous

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



1C3319



003527



003537

Triad

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



003527



252C4B



462517

Complementary

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



003527



35000E

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.



4A2125



003527



3B2642

Square

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



003527



00314B



472134



3C2B0F

Rectangle

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



003527



003540



472134



48231B

Sweetspot

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



003527



30453F



0E3500



172420



A3A3A3



242424

Same Dimension

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



003527



004533



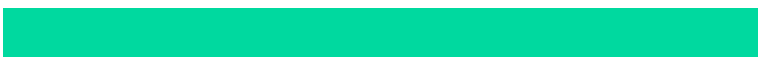
002935



171A19



005942



00D99F

Inverse Universe

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



35000E



450012



350C00



1A1718



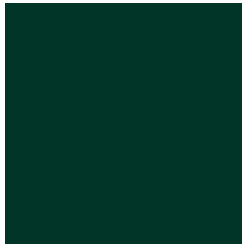
590018



D90039

Previews

White Background



This preview shows how the Hex color 003527 looks on a white background.

Color Contrast Check

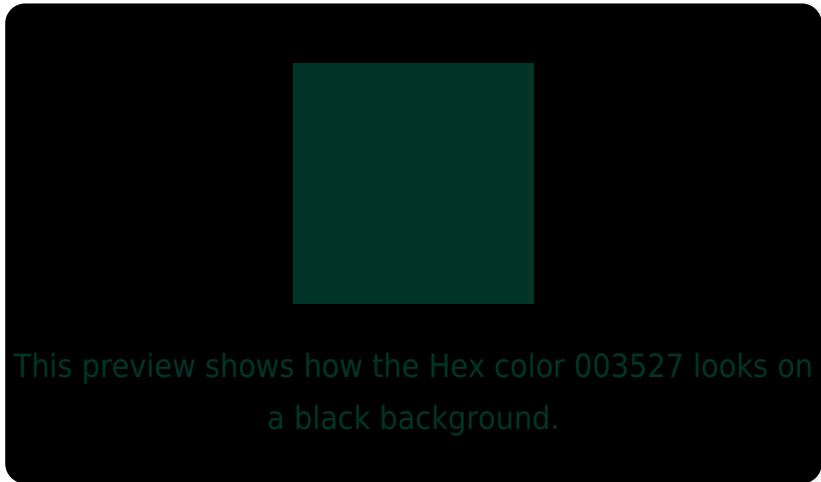
Large Text (above 18pt) WCAG AA ✓ Pass

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

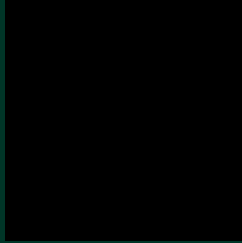
Any Text WCAG AA × Fail

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 003527 Background



This preview shows how black text looks on a background with the Hex color 003527.



This preview shows how white text looks on a background with the Hex color 003527.

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](#).

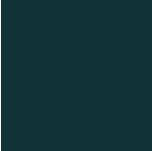
Dichromacy



Original Color
003527

Protanopia
312E24

Deuteranopia
352D29



Tritanopia
113337

Trichromacy



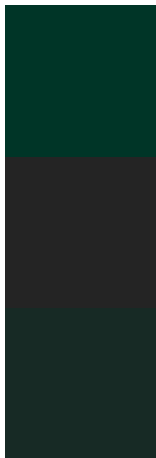
Original Color
003527

Protanomaly
1F3125

Deuteranomaly
223028

Tritanomaly
0B3431

Monochromacy



Original Color
003527

Achromatopsia
242424

Achromatomaly
172A25

CSS Examples

Text

The CSS property to change the color of the text to Hex 003527 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 #003527 looks like.

```
.text, #text, p{  
    color:#003527  
}
```

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 #003527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003527
}
```

Border

The CSS property to change the border of an element to Hex 003527 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
#003527 }
```

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

```
.border{ border-color:#003527 }
```

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

Here you see how a box with a 4 pixel #003527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003527; -webkit-box-shadow:4px 4px  
4px 4px #003527; box-shadow:4px 4px 4px  
4px #003527 }
```

Background

The CSS property to change the background color of an element to Hex 003527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003527 }
```

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

```
.background{ background-color:#003527 }
```

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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