

Converting Colors

Hex(003429)

Have a look what the booklet for
Hex(003429) contains.

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Color

Hex(003429)

Conversions

Conversions Part 1

Format	Color
Hex	003429
RGB	0, 52, 41
RGB Percent	0%, 20%, 16%
CMY	1.0000, 0.7961, 0.8392
CMYK	1.00, 0.00, 0.21, 0.80
HSL	167°, 100%, 10%
HSV	167°, 100%, 20%
XYZ	1.6282, 2.6161, 2.5170
YIQ	35.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

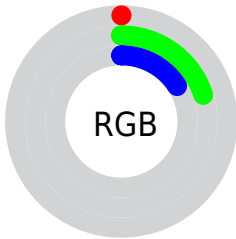
Format	Color
RYB	0, 29, 52
Decimal	13353
CIELab	18.44, -19.54, 2.40
CIELCh	18, 19.683, 173.000
Yxy	2.6161, 0.2408, 0.3869
Android (android.graphics.Color)	4278203433 (0xFF003429)
YUV	35.1980, 2.8604, -30.8686
Hunter-Lab	16.1743, -10.3358, 2.0956

Details

The Hex color **003429** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **34000B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **346356**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003429**, and if you desaturate by 10%, it is **05342A**.

Distribution



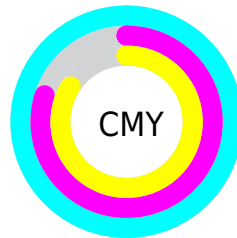
- Red (0%)
- Green (20%)
- Blue (16%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003429 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 003429 by changing the saturation by 10% instead.

 003429

 003429

 EEEFFF

 001F15

 346356

 000000

 4D7C6E

 669688

 80B1A2

 9ACCB D

 B6E9D9

 D2FFF5

 003429

■ 05342A

■ 0A342B

■ 10342C

■ 15342D

■ 1A342F

■ 1F3430

■ 243431

■ 2A3432

■ 2F3433

Harmonies

Analogous

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



1A321B



003429



003438

Triad

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



003429



292B47



432617

Complementary

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



003429



34000B

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.



482223



003429



3B253E

Square

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



003429



0A2F49



462131



382B10

Rectangle

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



003429



003340



462131



45241A

Sweetspot

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



003429



304540



0B3400



172421



A3A3A3



242424

Same Dimension

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



003429



004536



002534



171A19



005946



00D9AB

Inverse Universe

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



34000B



45000F



340F00



1A1717



590013



D9002E

Previews

White Background



This preview shows how the Hex color 003429 looks on a white background.

Color Contrast Check

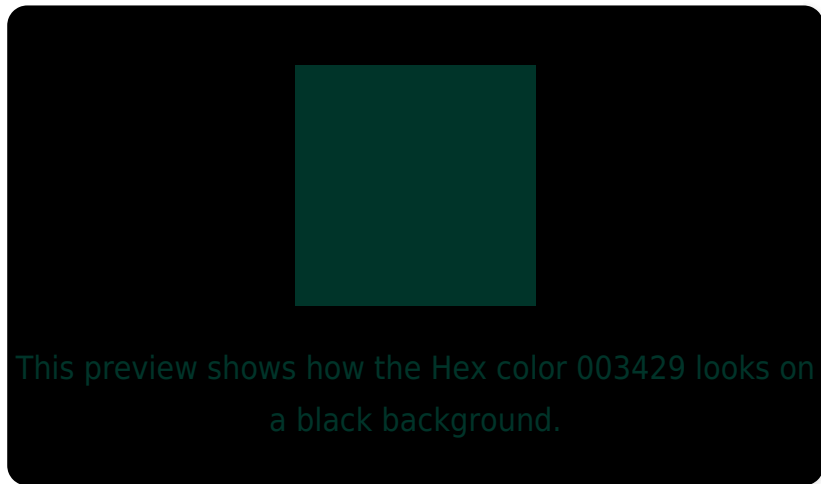
Large Text (above 18pt) WCAG AA ✓ Pass

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

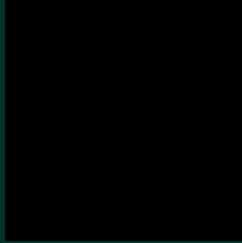
Any Text WCAG AA × Fail

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 003429 Background



This preview shows how black text looks on a background with the Hex color 003429.



This preview shows how white text looks on a background with the Hex color 003429.

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](#).

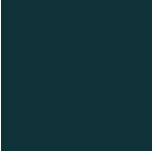
Dichromacy



Original Color
003429

Protanopia
302D26

Deuteranopia
332C2B



Tritanopia
103236

Trichromacy



Original Color
003429

Protanomaly
1F3027

Deuteranomaly
202F2A

Tritanomaly
0A3331

Monochromacy



Original Color
003429

Achromatopsia
232323

Achromatomaly
162925

CSS Examples

Text

The CSS property to change the color of the text to Hex 003429 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 #003429 looks like.

```
.text, #text, p{  
    color:#003429  
}
```

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 #003429 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003429
}
```

Border

The CSS property to change the border of an element to Hex 003429 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
#003429 }
```

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

```
.border{ border-color:#003429 }
```

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

Here you see how a box with a 4 pixel #003429 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003429; -webkit-box-shadow:4px 4px  
4px 4px #003429; box-shadow:4px 4px 4px  
4px #003429 }
```

Background

The CSS property to change the background color of an element to Hex 003429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003429 }
```

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

```
.background{ background-color:#003429 }
```

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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