

Converting Colors

Hex(003422)

Have a look what the booklet for
Hex(003422) contains.

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Color

Hex(003422)

Conversions

Conversions Part 1

Format	Color
Hex	003422
RGB	0, 52, 34
RGB Percent	0%, 20%, 13%
CMY	1.0000, 0.7961, 0.8667
CMYK	1.00, 0.00, 0.35, 0.80
HSL	159°, 100%, 10%
HSV	159°, 100%, 20%
XYZ	1.5167, 2.5715, 1.9298
YIQ	34.4000, -25.2140, -16.6220

Conversions

Conversions Part 2

Format	Color
RYB	0, 31, 52
Decimal	13346
CIELab	18.24, -21.70, 6.89
CIELCh	18, 22.767, 162.391
Yxy	2.5715, 0.2520, 0.4273
Android (android.graphics.Color)	4278203426 (0xFF003422)
YUV	34.4000, -0.1972, -30.1688
Hunter-Lab	16.0358, -11.1795, 4.0900

Details

The Hex color **003422** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **340012**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **34634E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003422**, and if you desaturate by 10%, it is **053424**.

Distribution



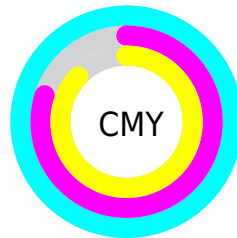
- Red (0%)
- Green (20%)
- Blue (13%)



- Red (0%)
- Yellow (12%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003422 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 003422 by changing the saturation by 10% instead.

 003422

 003422

 EDFFFF

 001F0C

 34634E

 000000

 4C7C66

 65967F

 7FB199

 9ACDB4

 B5E9D0

 D1FFEC

 003422

■ 053424

■ 0A3426

■ 103427

■ 153429

■ 1A342B

■ 1F342D

■ 24342F

■ 2A3430

■ 2F3432

Harmonies

Analogous

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



1D3213



003422



003533

Triad

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



003422



1C2C4D



482217

Complementary

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



003422



340012

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.



4B1E26



003422



362545

Square

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



003422



00314C



462037



3E280C

Rectangle

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



003422



00343E



462037



4A201C

Sweetspot

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



003422



30453E



123400



17241F



A3A3A3



242424

Same Dimension

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



003422



00452D



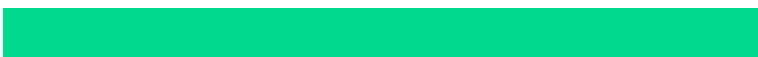
002C34



171A19



00593A



00D98E

Inverse Universe

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



340012



450018



340800



1A1718



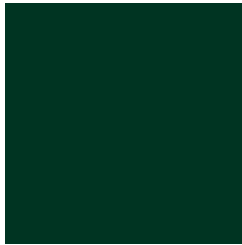
59001F



D9004B

Previews

White Background



This preview shows how the Hex color 003422 looks on a white background.

Color Contrast Check

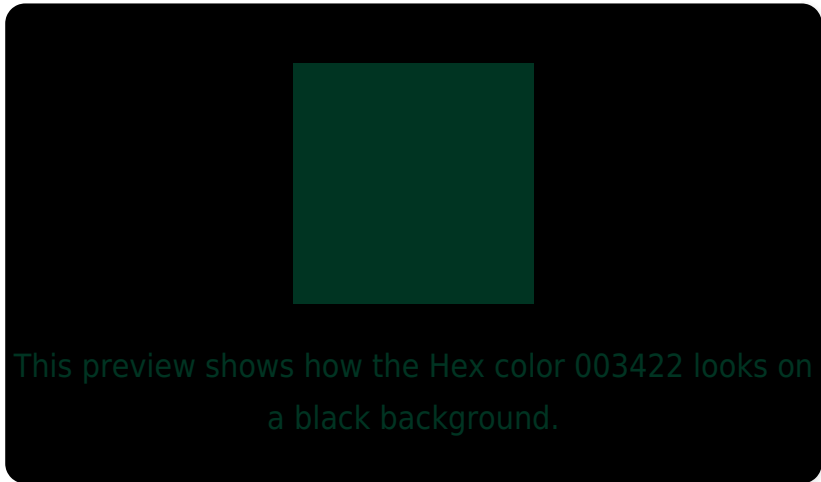
Large Text (above 18pt) WCAG AA ✓ Pass

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

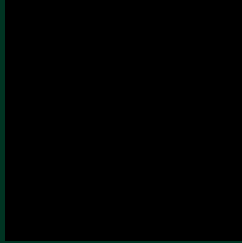
Any Text WCAG AA × Fail

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 003422 Background



This preview shows how black text looks on a background with the Hex color 003422.



This preview shows how white text looks on a background with the Hex color 003422.

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](#).

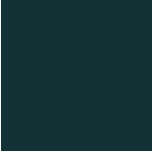
Dichromacy



Original Color
003422

Protanopia
312D1F

Deuteranopia
352B24



Tritanopia
123236

Trichromacy



Original Color
003422

Protanomaly
1F3020

Deuteranomaly
222E23

Tritanomaly
0B332F

Monochromacy



Original Color
003422

Achromatopsia
222222

Achromatomaly
162922

CSS Examples

Text

The CSS property to change the color of the text to Hex 003422 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 #003422 looks like.

```
.text, #text, p{  
    color:#003422  
}
```

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 #003422 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003422
}
```

Border

The CSS property to change the border of an element to Hex 003422 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
#003422 }
```

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

```
.border{ border-color:#003422 }
```

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

Here you see how a box with a 4 pixel #003422 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003422; -webkit-box-shadow:4px 4px  
4px 4px #003422; box-shadow:4px 4px 4px  
4px #003422 }
```

Background

The CSS property to change the background color of an element to Hex 003422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003422 }
```

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

```
.background{ background-color:#003422 }
```

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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