

Converting Colors

Hex(003823)

Have a look what the booklet for
Hex(003823) contains.

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Color

Hex(003823)

Conversions

Conversions Part 1

Format	Color
Hex	003823
RGB	0, 56, 35
RGB Percent	0%, 22%, 14%
CMY	1.0000, 0.7804, 0.8627
CMYK	1.00, 0.00, 0.38, 0.78
HSL	158°, 100%, 11%
HSV	158°, 100%, 22%
XYZ	1.7175, 2.9497, 2.0689
YIQ	36.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

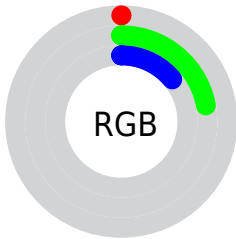
Format	Color
RYB	0, 34, 56
Decimal	14371
CIELab	19.84, -23.28, 8.43
CIELCh	20, 24.758, 160.103
Yxy	2.9497, 0.2550, 0.4379
Android (android.graphics.Color)	4278204451 (0xFF003823)
YUV	36.8620, -0.9180, -32.3280
Hunter-Lab	17.1747, -12.2049, 4.8800

Details

The Hex color **003823** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **380015**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **35684F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003823**, and if you desaturate by 10%, it is **063825**.

Distribution



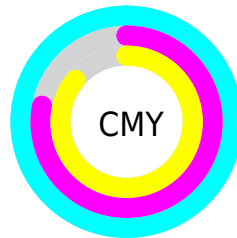
- Red (0%)
- Green (22%)
- Blue (14%)



- Red (0%)
- Yellow (13%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003823 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 003823 by changing the saturation by 10% instead.

 003823

 003823

 F0FFFF

 00230E

 35684F

 000000

 4E8168

 679B81

 81B69B

 9CD2B5

 B7EED1

 D3FFED

 003823

■ 063825

■ 0B3827

■ 113829

■ 16382B

■ 1C382E

■ 223830

■ 273832

■ 2D3834

■ 323836

Harmonies

Analogous

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



213513



003823



003936

Triad

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



003823



193054



4E241A

Complementary

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



003823



380015

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.



51202B



003823



39294C

Square

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



003823



003552



4B223D



442B0D

Rectangle

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



003823



003942



4B223D



50221F

Sweetspot

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



003823



344A42



153800



182621



A6A6A6



262626

Same Dimension

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



003823



004A2E



003138



191C1B



005C39



00DB89

Inverse Universe

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



380015



4A001C



380700



1C191A



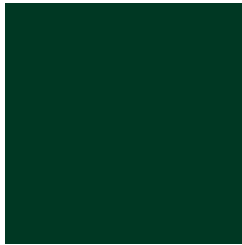
5C0022



DB0052

Previews

White Background



This preview shows how the Hex color 003823 looks on a white background.

Color Contrast Check

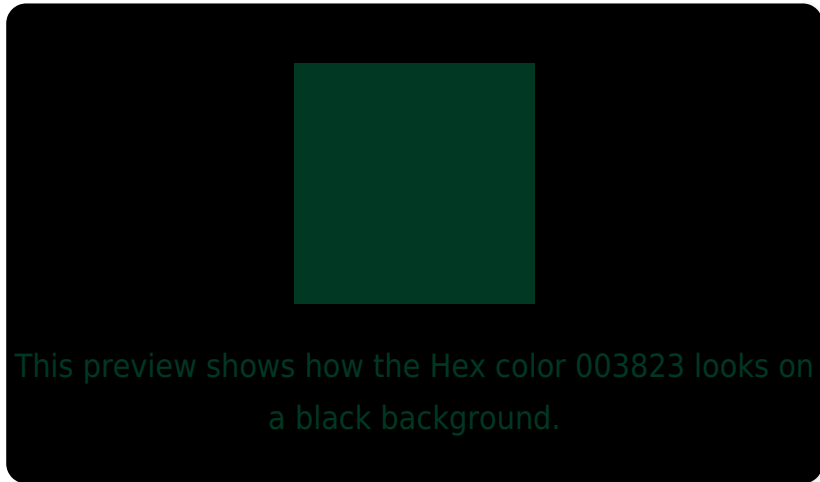
Large Text (above 18pt) WCAG AA ✓ Pass

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

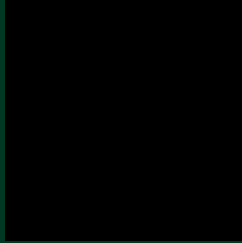
Any Text WCAG AA × Fail

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 003823 Background



This preview shows how black text looks on a background with the Hex color 003823.



This preview shows how white text looks on a background with the Hex color 003823.

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](#).

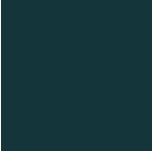
Dichromacy



Original Color
003823

Protanopia
353120

Deuteranopia
392F25



Tritanopia
14353A

Trichromacy



Original Color
003823

Protanomaly
223421

Deuteranomaly
243224

Tritanomaly
0D3632

Monochromacy



Original Color
003823

Achromatopsia
252525

Achromatomaly
182C24

CSS Examples

Text

The CSS property to change the color of the text to Hex 003823 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 #003823 looks like.

```
.text, #text, p{  
    color:#003823  
}
```

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 #003823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003823
}
```

Border

The CSS property to change the border of an element to Hex 003823 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
#003823 }
```

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

```
.border{ border-color:#003823 }
```

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

Here you see how a box with a 4 pixel #003823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003823; -webkit-box-shadow:4px 4px  
4px 4px #003823; box-shadow:4px 4px 4px  
4px #003823 }
```

Background

The CSS property to change the background color of an element to Hex 003823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003823 }
```

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

```
.background{ background-color:#003823 }
```

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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