

Converting Colors

Hex(023833)

Have a look what the booklet for
Hex(023833) contains.

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Color

Hex(023833)

Conversions

Conversions Part 1

Format	Color
Hex	023833
RGB	2, 56, 51
RGB Percent	1%, 22%, 20%
CMY	0.9922, 0.7804, 0.8000
CMYK	0.96, 0.00, 0.09, 0.78
HSL	174°, 93%, 11%
HSV	174°, 96%, 22%
XYZ	2.0367, 3.0803, 3.6192
YIQ	39.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

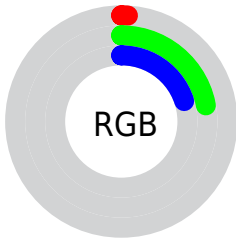
Format	Color
R_{YB}	2, 30, 56
Decimal	145459
CIE _{Lab}	20.36, -17.86, -1.61
CIE _{LCh}	20, 17.929, 185.156
Yxy	3.0803, 0.2331, 0.3526
Android (android.graphics.Color)	4278335539 (0xFF023833)
YUV	39.2840, 5.7760, -32.6981
Hunter-Lab	17.5507, -9.9989, 0.0592

Details

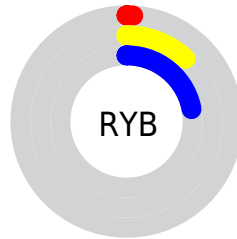
The Hex color **023833** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **380207**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **386761**, and **000305** is the 20% darker color. If you saturate the color by 10%, you get **003833**, and if you desaturate by 10%, it is **083834**.

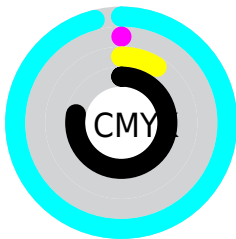
Distribution



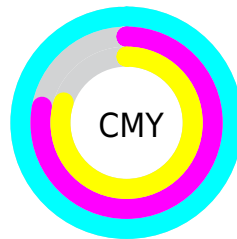
- Red (1%)
- Green (22%)
- Blue (20%)



- Red (1%)
- Yellow (12%)
- Blue (22%)



- Cyan (96%)
- Magenta (0%)
- Yellow (9%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023833 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 023833 by changing the saturation by 10% instead.

 023833


 023833

 F3FFFF

 00221E

 386761

 000305

 51817A

 000000

 6A9B94

 84B6AE

 9FD1CA

 BAE6E6

 D6FFFF

 023833

 023833

■ 003833

■ 083834

■ 0D3834

■ 133835

■ 183835

■ 1E3836

■ 243836

■ 293837

■ 2F3837

■ 343838

Harmonies

Analogous

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



193726



023833



003740

Triad

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



023833



352D47



422C19

Complementary

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



023833



380207

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.



492823



023833



43283C

Square

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



023833



21324B



4A272F



373116

Rectangle

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



023833



003646



4A272F



452B1C

Sweetspot

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



023833



354A48



073802



192625



A6A6A6



262626

Same Dimension

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



023833



004A43



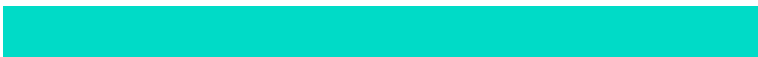
022238



191C1C



005C53



00DBC7

Inverse Universe

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



380207



4A0007



381802



1C191A



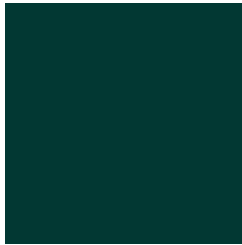
5C0008



DB0014

Previews

White Background



This preview shows how the Hex color 023833 looks on a white background.

Color Contrast Check

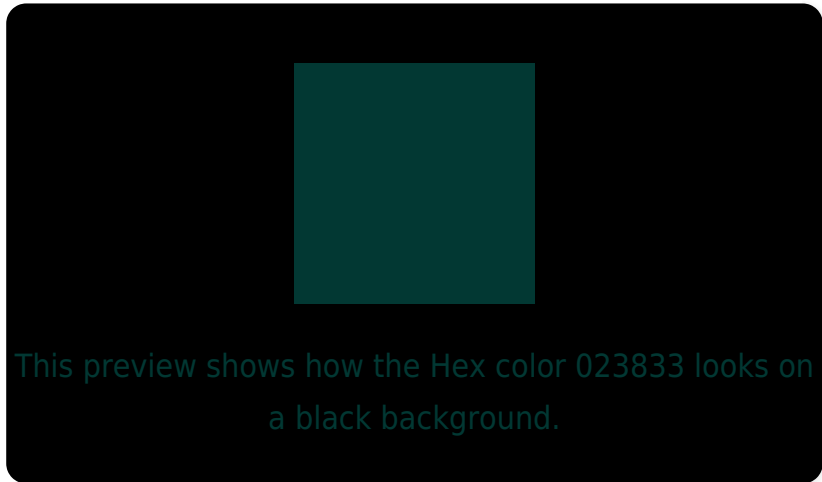
Large Text (above 18pt) WCAG AA ✓ Pass

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

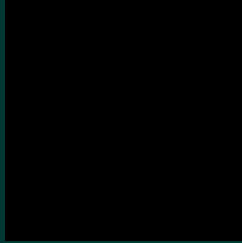
Any Text WCAG AA × Fail

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 023833 Background



This preview shows how black text looks on a background with the Hex color 023833.



This preview shows how white text looks on a background with the Hex color 023833.

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
023833

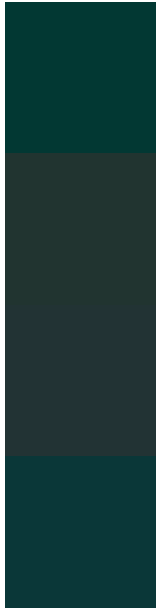
Protanopia
33312F

Deuteranopia
353035



Tritanopia
0E373B

Trichromacy



Original Color
023833

Protanomaly
213430

Deuteranomaly
223334

Tritanomaly
0A3738

Monochromacy



Original Color
023833

Achromatopsia
272727

Achromatomaly
1A2D2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 023833 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 #023833 looks like.

```
.text, #text, p{  
    color:#023833  
}
```

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 #023833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023833
}
```

Border

The CSS property to change the border of an element to Hex 023833 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".

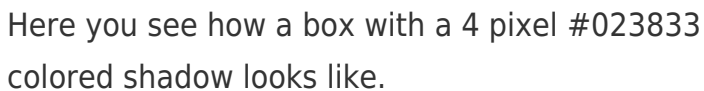
```
.border, #border, table{ border:4px solid
#023833 }
```

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

```
.border{ border-color:#023833 }
```

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

Here you see how a box with a 4 pixel #023833 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023833; -webkit-box-shadow:4px 4px  
4px 4px #023833; box-shadow:4px 4px 4px  
4px #023833 }
```

Background

The CSS property to change the background color of an element to Hex 023833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023833 }
```

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

```
.background{ background-color:#023833 }
```

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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