

Converting Colors

Hex(023A3C)

Have a look what the booklet for
Hex(023A3C) contains.

Hex(023A3C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(023A3C)

Conversions

Conversions Part 1

Format	Color
Hex	023A3C
RGB	2, 58, 60
RGB Percent	1%, 23%, 24%
CMY	0.9922, 0.7725, 0.7647
CMYK	0.97, 0.03, 0.00, 0.76
HSL	182°, 94%, 12%
HSV	182°, 97%, 24%
XYZ	2.3537, 3.3653, 4.8005
YIQ	41.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

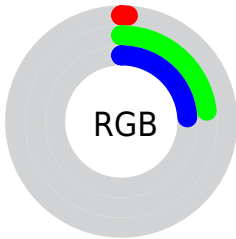
Format	Color
RYB	2, 30, 60
Decimal	145980
CIELab	21.45, -15.69, -6.08
CIELCh	21, 16.827, 201.194
Yxy	3.3653, 0.2237, 0.3199
Android (android.graphics.Color)	4278336060 (0xFF023A3C)
YUV	41.4840, 9.1284, -34.6275
Hunter-Lab	18.3447, -9.2008, -2.6739

Details

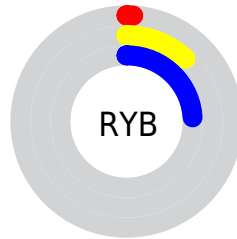
The Hex color **023A3C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C0402**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **3A696B**, and **000B12** is the 20% darker color. If you saturate the color by 10%, you get **003A3C**, and if you desaturate by 10%, it is **083A3C**.

Distribution



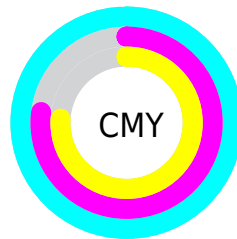
- Red (1%)
- Green (23%)
- Blue (24%)



- Red (1%)
- Yellow (12%)
- Blue (24%)



- Cyan (97%)
- Magenta (3%)
- Yellow (0%)
- Black (76%)



- Cyan (99%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023A3C 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 023A3C by changing the saturation by 10% instead.

 023A3C

 023A3C

 F6FFFF

 002426

 3A696B

 000B12

 538384

 000000

 6C9D9F

 87B8B9

 A2D4D5

 BDF0F1

 DAFFFF

 023A3C

 023A3C

■ 003A3C

■ 083A3C

■ 0E3A3C

■ 143B3C

■ 1A3B3C

■ 203B3C

■ 263B3C

■ 2C3B3C

■ 323C3C

■ 383C3C

Harmonies

Analogous

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



143A2F



023A3C



043946

Triad

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



023A3C



402D43



3F311B

Complementary

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



023A3C



3C0402

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.



482D21



023A3C



492A38

Square

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



023A3C



30324B



4C2A2B



33351C

Rectangle

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



023A3C



13374B



4C2A2B



42301C

Sweetspot

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



023A3C



384E4F



023C04



1B2829



A8A8A8



292929

Same Dimension

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



023A3C



004C4F



021D3C



1C1E1F



005B5E



00D6DE

Inverse Universe

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



3C023A



4F004C



3C2102



1F1C1E



5E005B



DE00D6

Previews

White Background



This preview shows how the Hex color 023A3C looks on a white background.

Color Contrast Check

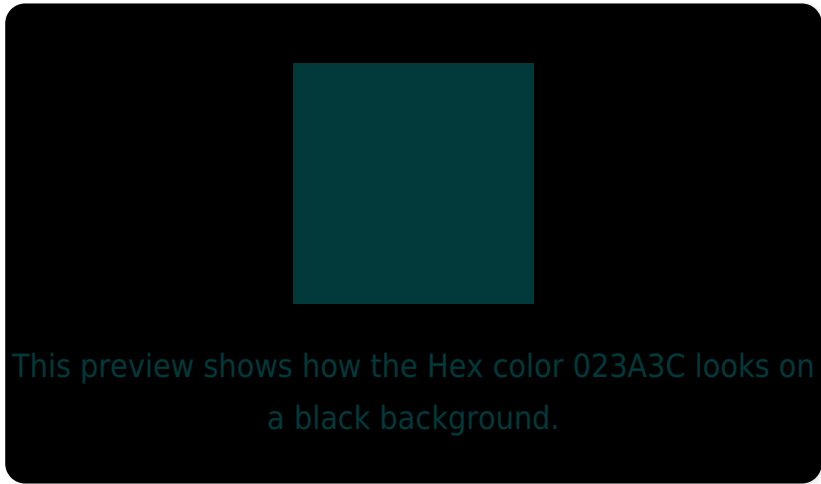
Large Text (above 18pt) WCAG AA ✓ Pass

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

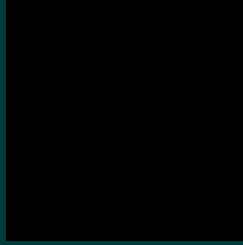
Any Text WCAG AA × Fail

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 023A3C Background



This preview shows how black text looks on a background with the Hex color 023A3C.



This preview shows how white text looks on a background with the Hex color 023A3C.

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
023A3C

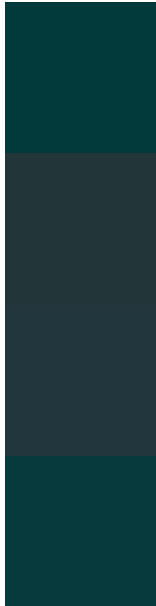
Protanopia
343438

Deuteranopia
34333E



Tritanopia
083A3E

Trichromacy



Original Color
023A3C

Protanomaly
223639

Deuteranomaly
22363D

Tritanomaly
063A3D

Monochromacy



Original Color
023A3C

Achromatopsia
292929

Achromatomaly
1B2F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 023A3C 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 #023A3C looks like.

```
.text, #text, p{  
    color:#023A3C  
}
```

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 #023A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023A3C
}
```

Border

The CSS property to change the border of an element to Hex 023A3C 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
#023A3C }
```

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

```
.border{ border-color:#023A3C }
```

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

Here you see how a box with a 4 pixel #023A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023A3C; -webkit-box-shadow:4px 4px  
4px 4px #023A3C; box-shadow:4px 4px 4px  
4px #023A3C }
```

Background

The CSS property to change the background color of an element to Hex 023A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023A3C }
```

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

```
.background{ background-color:#023A3C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor