

Converting Colors

Hex(023720)

Have a look what the booklet for
Hex(023720) contains.

Hex(023720)	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(023720)

Conversions

Conversions Part 1

Format	Color
Hex	023720
RGB	2, 55, 32
RGB Percent	1%, 22%, 13%
CMY	0.9922, 0.7843, 0.8745
CMYK	0.96, 0.00, 0.42, 0.78
HSL	154°, 93%, 11%
HSV	154°, 96%, 22%
XYZ	1.6519, 2.8496, 1.8295
YIQ	36.5310, -24.2050, -18.3890

Conversions

Conversions Part 2

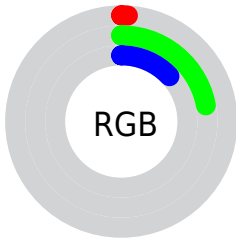
Format	Color
R_{YB}	2, 36, 55
Decimal	145184
CIE _{Lab}	19.43, -23.20, 9.86
CIE _{LCh}	19, 25.214, 156.973
Yxy	2.8496, 0.2609, 0.4501
Android (android.graphics.Color)	4278335264 (0xFF023720)
YUV	36.5310, -2.2338, -30.2837
Hunter-Lab	16.8807, -12.0732, 5.3909

Details

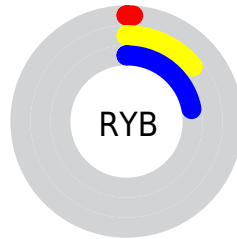
The Hex color **023720** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **370219**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **36674C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00371F**, and if you desaturate by 10%, it is **083722**.

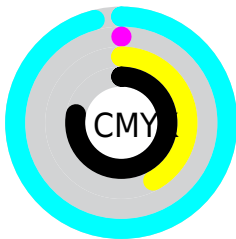
Distribution



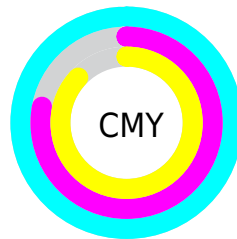
- Red (1%)
- Green (22%)
- Blue (13%)



- Red (1%)
- Yellow (14%)
- Blue (22%)



- Cyan (96%)
- Magenta (0%)
- Yellow (42%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023720 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 023720 by changing the saturation by 10% instead.

 023720

 023720

 F0FFFF

 002209

 36674C

 000000

 4F8064

 689A7D

 82B597

 9CD1B2

 B8EDCD

 D4FFE9

 023720

 023720

■ 00371F

■ 083722

■ 0D3725

■ 133727

■ 18372A

■ 1E372C

■ 23372E

■ 293731

■ 2E3733

■ 343735

Harmonies

Analogous

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



223410



023720



003833

Triad

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



023720



123054



4E221A

Complementary

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



023720



370219

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.



511E2C



023720



36284D

Square

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



023720



003551



49213E



44290C

Rectangle

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



023720



00383F



49213E



502020

Sweetspot

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



023720



33473E



1A3702



17241E



A3A3A3



242424

Same Dimension

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



023720



004728



023437



191C1B



005C34



00DB7C

Inverse Universe

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



370219



47001F



370502



1C191A



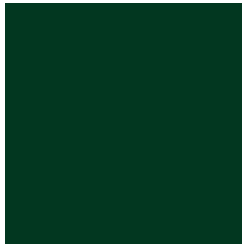
5C0028



DB005F

Previews

White Background



This preview shows how the Hex color 023720 looks on a white background.

Color Contrast Check

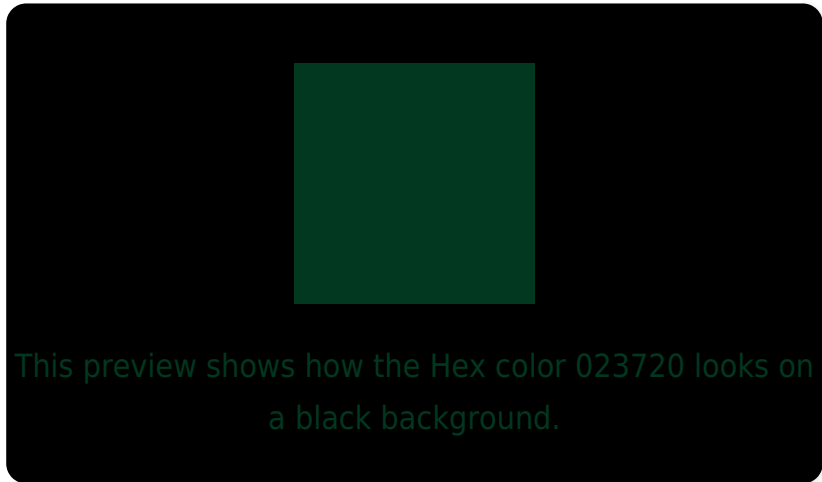
Large Text (above 18pt) WCAG AA ✓ Pass

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

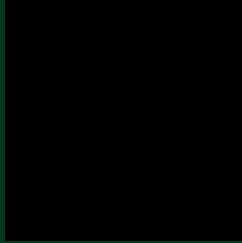
Any Text WCAG AA × Fail

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 023720 Background



This preview shows how black text looks on a background with the Hex color 023720.



This preview shows how white text looks on a background with the Hex color 023720.

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](#).

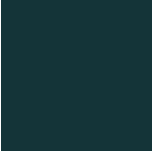
Dichromacy



Original Color
023720

Protanopia
34301D

Deuteranopia
382E22



Tritanopia
143438

Trichromacy



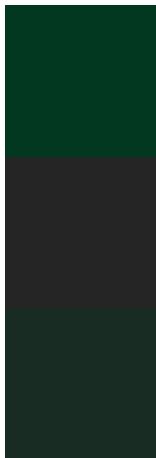
Original Color
023720

Protanomaly
22331E

Deuteranomaly
243121

Tritanomaly
0D352F

Monochromacy



Original Color
023720

Achromatopsia
252525

Achromatomaly
182C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 023720 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 #023720 looks like.

```
.text, #text, p{  
    color:#023720  
}
```

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 #023720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023720
}
```

Border

The CSS property to change the border of an element to Hex 023720 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".

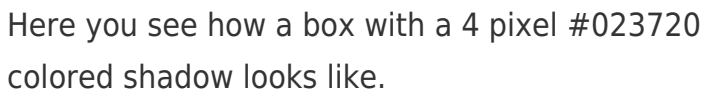
```
.border, #border, table{ border:4px solid
#023720 }
```

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

```
.border{ border-color:#023720 }
```

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

Here you see how a box with a 4 pixel #023720 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023720; -webkit-box-shadow:4px 4px  
4px 4px #023720; box-shadow:4px 4px 4px  
4px #023720 }
```

Background

The CSS property to change the background color of an element to Hex 023720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023720 }
```

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

```
.background{ background-color:#023720 }
```

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