

Converting Colors

Hex(023013)

Have a look what the booklet for
Hex(023013) contains.

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Color

Hex(023013)

Conversions

Conversions Part 1

Format	Color
Hex	023013
RGB	2, 48, 19
RGB Percent	1%, 19%, 7%
CMY	0.9922, 0.8118, 0.9255
CMYK	0.96, 0.00, 0.60, 0.81
HSL	142°, 92%, 10%
HSV	142°, 96%, 19%
XYZ	1.1995, 2.1738, 0.9725
YIQ	30.9400, -18.1070, -18.7710

Conversions

Conversions Part 2

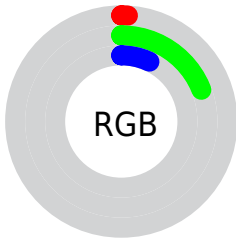
Format	Color
R_{YB}	2, 36, 48
Decimal	143379
CIE _{Lab}	16.37, -23.13, 14.32
CIE _{LCh}	16, 27.208, 148.238
Yxy	2.1738, 0.2760, 0.5002
Android (android.graphics.Color)	4278333459 (0xFF023013)
YUV	30.9400, -5.8864, -25.3804
Hunter-Lab	14.7439, -11.2795, 6.4101

Details

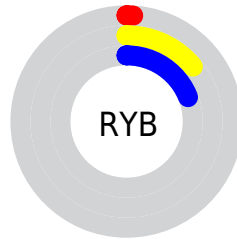
The Hex color **023013** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **30021F**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **345F3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003012**, and if you desaturate by 10%, it is **073016**.

Distribution



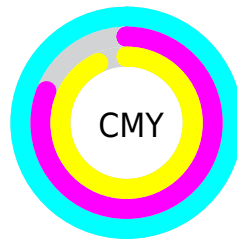
- Red (1%)
- Green (19%)
- Blue (7%)



- Red (1%)
- Yellow (14%)
- Blue (19%)



- Cyan (96%)
- Magenta (0%)
- Yellow (60%)
- Black (81%)



- Cyan (99%)
- Magenta (81%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023013 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 023013 by changing the saturation by 10% instead.

 023013

 023013

 ECFF5

 001D00

 345F3E

 000000

 4C7855

 65926E

 7EAC87

 99C8A1

 B4E4BC

 D0FFD8

 023013

 023013

■ 003012

■ 073016

■ 0C3019

■ 10301C

■ 15301F

■ 1A3022

■ 1F3025

■ 243028

■ 28302B

■ 2D302E

Harmonies

Analogous

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



212D00



023013



003127

Triad

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



023013



002B4F



4A1817

Complementary

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



023013



30021F

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.



4A152B



023013



26244B

Square

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



023013



003049



3F1B3D



422003

Rectangle

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



023013



003234



3F1B3D



4B161E

Sweetspot

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



023013



2B3D32



1F3002



141F18



9E9E9E



1F1F1F

Same Dimension

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



023013



003D17



02302A



151716



005720



00D64F

Inverse Universe

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



30021F



3D0027



300208



171516



570037



D60087

Previews

White Background



This preview shows how the Hex color 023013 looks on a white background.

Color Contrast Check

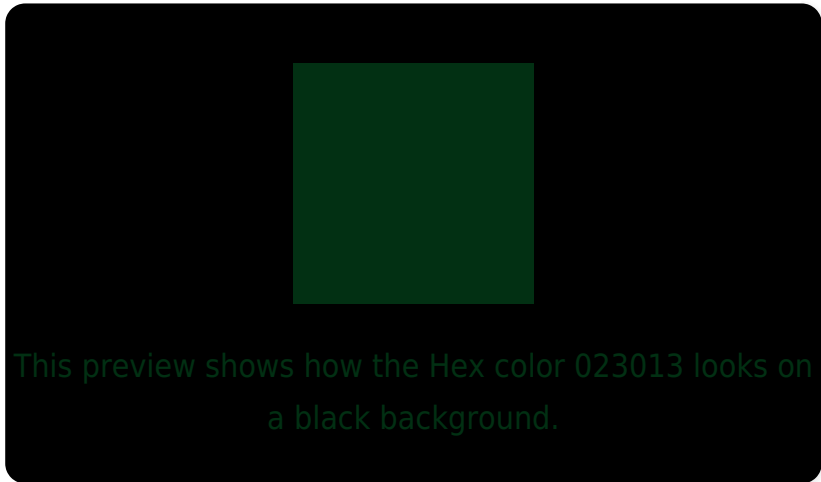
Large Text (above 18pt) WCAG AA ✓ Pass

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

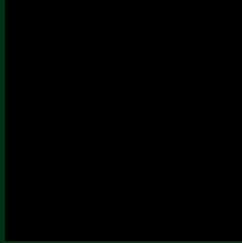
Any Text WCAG AA × Fail

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 023013 Background



This preview shows how black text looks on a background with the Hex color 023013.



This preview shows how white text looks on a background with the Hex color 023013.

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
023013

Protanopia
2E2911

Deuteranopia
332716



Tritanopia
132D31

Trichromacy



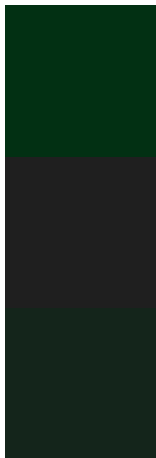
Original Color
023013

Protanomaly
1E2C12

Deuteranomaly
212A15

Tritanomaly
0D2E26

Monochromacy



Original Color
023013

Achromatopsia
1F1F1F

Achromatomaly
14251B

CSS Examples

Text

The CSS property to change the color of the text to Hex 023013 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 #023013 looks like.

```
.text, #text, p{  
    color:#023013  
}
```

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 #023013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023013
}
```

Border

The CSS property to change the border of an element to Hex 023013 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
#023013 }
```

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

```
.border{ border-color:#023013 }
```

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

Here you see how a box with a 4 pixel #023013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023013; -webkit-box-shadow:4px 4px  
4px 4px #023013; box-shadow:4px 4px 4px  
4px #023013 }
```

Background

The CSS property to change the background color of an element to Hex 023013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023013 }
```

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

```
.background{ background-color:#023013 }
```

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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