

Converting Colors

Hex(023A17)

Have a look what the booklet for
Hex(023A17) contains.

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Color

Hex(023A17)

Conversions

Conversions Part 1

Format	Color
Hex	023A17
RGB	2, 58, 23
RGB Percent	1%, 23%, 9%
CMY	0.9922, 0.7725, 0.9098
CMYK	0.97, 0.00, 0.60, 0.77
HSL	142°, 93%, 12%
HSV	142°, 97%, 23%
XYZ	1.6927, 3.1009, 1.3199
YIQ	37.2660, -22.1410, -22.7570

Conversions

Conversions Part 2

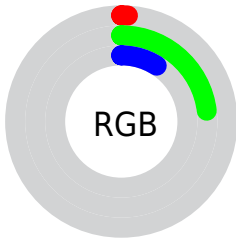
Format	Color
RYB	2, 43, 58
Decimal	145943
CIELab	20.44, -26.51, 16.89
CIELCh	20, 31.434, 147.499
Yxy	3.1009, 0.2769, 0.5072
Android (android.graphics.Color)	4278336023 (0xFF023A17)
YUV	37.2660, -7.0331, -30.9283
Hunter-Lab	17.6093, -13.6575, 7.8824

Details

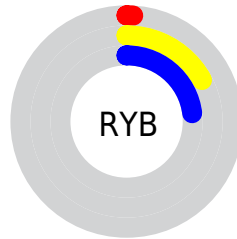
The Hex color **023A17** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0225**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **376A43**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **003A16**, and if you desaturate by 10%, it is **083A1B**.

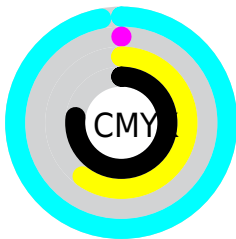
Distribution



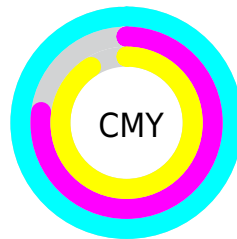
- Red (1%)
- Green (23%)
- Blue (9%)



- Red (1%)
- Yellow (17%)
- Blue (23%)



- Cyan (97%)
- Magenta (0%)
- Yellow (60%)
- Black (77%)



- Cyan (99%)
- Magenta (77%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023A17 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 023A17 by changing the saturation by 10% instead.

 023A17

 023A17

 F2FFFB

 002400

 376A43

 000300

 50835A

 000000

 699E73

 83B98D

 9ED5A7

 BAF1C2

 D6FFDE

 023A17

 023A17

■ 003A16

■ 083A1B

■ 0E3A1E

■ 133A22

■ 193A26

■ 1F3A29

■ 253A2D

■ 2B3A30

■ 303A34

■ 363A38

Harmonies

Analogous

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



283601



023A17



003C2F

Triad

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



023A17



00355F



591D1D

Complementary

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



023A17



3A0225

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.



591A34



023A17



2D2C5A

Square

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



023A17



003A58



4B214A



4F2608

Rectangle

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



023A17



003C3E



4B214A



5A1B25

Sweetspot

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



023A17



364D3F



253A02



19261E



A6A6A6



262626

Same Dimension

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



023A17



004D1D



023A33



191C1A



005C22



00DB52

Inverse Universe

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



3A0225



4D0030



3A0209



1C191B



5C0039



DB0089

Previews

White Background



This preview shows how the Hex color 023A17 looks on a white background.

Color Contrast Check

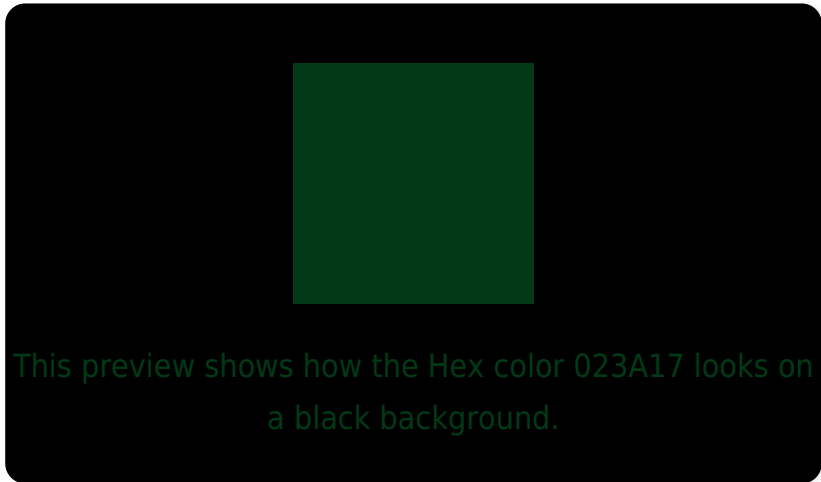
Large Text (above 18pt) WCAG AA ✓ Pass

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

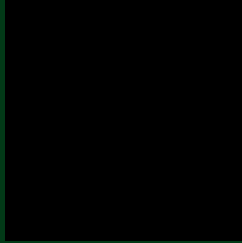
Any Text WCAG AA × Fail

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 023A17 Background



This preview shows how black text looks on a background with the Hex color 023A17.



This preview shows how white text looks on a background with the Hex color 023A17.

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
023A17

Protanopia
373215

Deuteranopia
3D2F1A



Tritanopia
17363B

Trichromacy



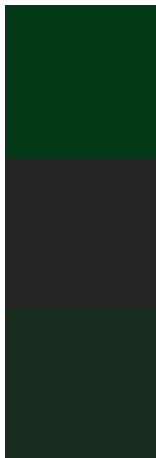
Original Color
023A17

Protanomaly
243516

Deuteranomaly
283319

Tritanomaly
0F372E

Monochromacy



Original Color
023A17

Achromatopsia
252525

Achromatomaly
182D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 023A17 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 #023A17 looks like.

```
.text, #text, p{  
    color:#023A17  
}
```

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 #023A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023A17
}
```

Border

The CSS property to change the border of an element to Hex 023A17 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
#023A17 }
```

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

```
.border{ border-color:#023A17 }
```

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

Here you see how a box with a 4 pixel #023A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023A17; -webkit-box-shadow:4px 4px  
4px 4px #023A17; box-shadow:4px 4px 4px  
4px #023A17 }
```

Background

The CSS property to change the background color of an element to Hex 023A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023A17 }
```

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

```
.background{ background-color:#023A17 }
```

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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