

Converting Colors

Hex(023108)

Have a look what the booklet for
Hex(023108) contains.

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Color

Hex(023108)

Conversions

Conversions Part 1

Format	Color
Hex	023108
RGB	2, 49, 8
RGB Percent	1%, 19%, 3%
CMY	0.9922, 0.8078, 0.9686
CMYK	0.96, 0.00, 0.84, 0.81
HSL	128°, 92%, 10%
HSV	128°, 96%, 19%
XYZ	1.1672, 2.2271, 0.5981
YIQ	30.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

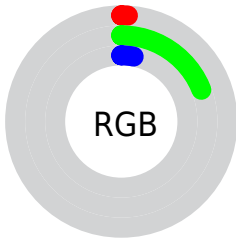
Format	Color
RYB	2, 44, 49
Decimal	143624
CIELab	16.64, -25.32, 20.13
CIELCh	17, 32.346, 141.515
Yxy	2.2271, 0.2924, 0.5578
Android (android.graphics.Color)	4278333704 (0xFF023108)
YUV	30.2730, -10.9806, -24.7954
Hunter-Lab	14.9233, -12.1551, 8.0702

Details

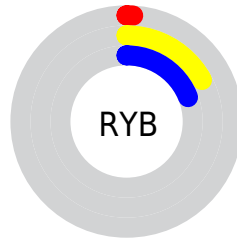
The Hex color **023108** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31022B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **346035**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003106**, and if you desaturate by 10%, it is **07310C**.

Distribution



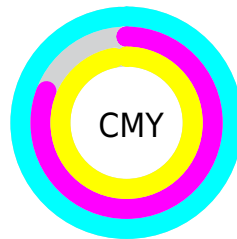
- Red (1%)
- Green (19%)
- Blue (3%)



- Red (1%)
- Yellow (17%)
- Blue (19%)



- Cyan (96%)
- Magenta (0%)
- Yellow (84%)
- Black (81%)



- Cyan (99%)
- Magenta (81%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 023108 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 023108 by changing the saturation by 10% instead.

 023108

 023108

 EDFFEA

 001E00

 346035

 000000

 4C794C

 659364

 7FAE7D

 9AC997

 B5E5B2

 D1FFCD

 023108

 023108

■ 003106

■ 07310C

■ 0C3111

■ 113115

■ 163119

■ 1B311D

■ 1F3122

■ 243126

■ 29312A

■ 2E312E

Harmonies

Analogous

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



252D00



023108



003322

Triad

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



023108



002E57



51111A

Complementary

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



023108



31022B

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.



4E1031



023108



192654

Square

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



023108



00324D



3E1A46



491B00

Rectangle

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



023108



003332



3E1A46



520F21

Sweetspot

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



023108



2D4030



2C3102



162117



A1A1A1



212121

Same Dimension

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



023108



004008



02311F



171A17



00590B



00D91C

Inverse Universe

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



31022B



400038



310214



1A1719



59004E



D900BD

Previews

White Background



This preview shows how the Hex color 023108 looks on a white background.

Color Contrast Check

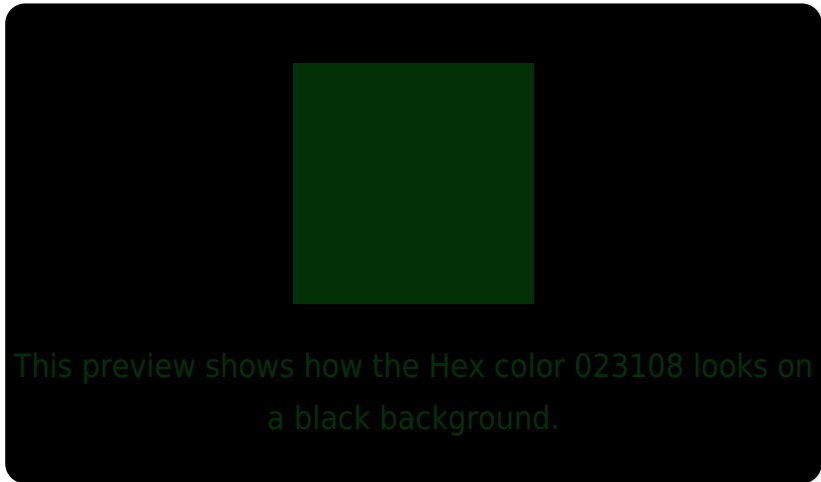
Large Text (above 18pt) WCAG AA ✓ Pass

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

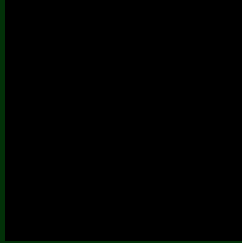
Any Text WCAG AA × Fail

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 023108 Background



This preview shows how black text looks on a background with the Hex color 023108.



This preview shows how white text looks on a background with the Hex color 023108.

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
023108

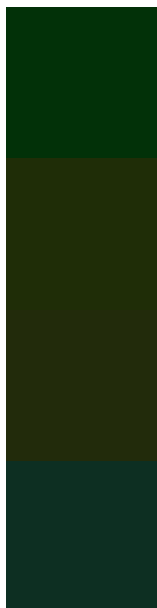
Protanopia
2F2A06

Deuteranopia
34280D



Tritanopia
142E31

Trichromacy



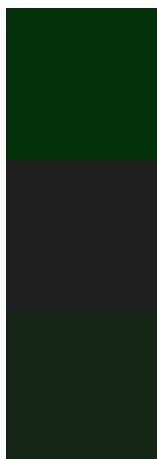
Original Color
023108

Protanomaly
1F2D07

Deuteranomaly
222B0B

Tritanomaly
0D2F22

Monochromacy



Original Color
023108

Achromatopsia
1E1E1E

Achromatomaly
142516

CSS Examples

Text

The CSS property to change the color of the text to Hex 023108 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 #023108 looks like.

```
.text, #text, p{  
    color:#023108  
}
```

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 #023108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023108
}
```

Border

The CSS property to change the border of an element to Hex 023108 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
#023108 }
```

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

```
.border{ border-color:#023108 }
```

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

Here you see how a box with a 4 pixel #023108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023108; -webkit-box-shadow:4px 4px  
4px 4px #023108; box-shadow:4px 4px 4px  
4px #023108 }
```

Background

The CSS property to change the background color of an element to Hex 023108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023108 }
```

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

```
.background{ background-color:#023108 }
```

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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