

Converting Colors

Hex(023113)

Have a look what the booklet for
Hex(023113) contains.

Hex(023113)	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(023113)

Conversions

Conversions Part 1

Format	Color
Hex	023113
RGB	2, 49, 19
RGB Percent	1%, 19%, 7%
CMY	0.9922, 0.8078, 0.9255
CMYK	0.96, 0.00, 0.61, 0.81
HSL	142°, 92%, 10%
HSV	142°, 96%, 19%
XYZ	1.2409, 2.2565, 0.9863
YIQ	31.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

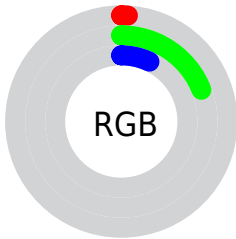
Format	Color
R_{YB}	2, 37, 49
Decimal	143635
CIE _{Lab}	16.78, -23.56, 14.83
CIE _{LCh}	17, 27.835, 147.816
Yxy	2.2565, 0.2768, 0.5033
Android (android.graphics.Color)	4278333715 (0xFF023113)
YUV	31.5270, -6.1758, -25.8952
Hunter-Lab	15.0218, -11.5430, 6.6226

Details

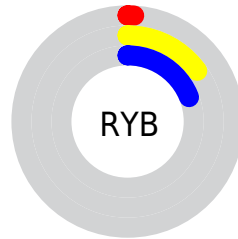
The Hex color **023113** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **310220**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **34603E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003112**, and if you desaturate by 10%, it is **073116**.

Distribution



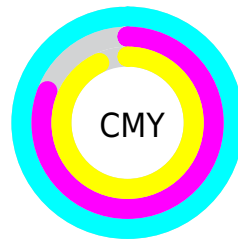
- Red (1%)
- Green (19%)
- Blue (7%)



- Red (1%)
- Yellow (15%)
- Blue (19%)



- Cyan (96%)
- Magenta (0%)
- Yellow (61%)
- Black (81%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 023113 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 023113 by changing the saturation by 10% instead.

 023113

 023113

 EDFFF5

 001E00

 34603E

 000000

 4C7955

 65936E

 7FAE87

 99C9A1

 B4E5BC

 D0FFD8

 023113

 023113

■ 003112

■ 073116

■ 0C3119

■ 11311C

■ 163120

■ 1B3123

■ 1F3126

■ 243129

■ 29312C

■ 2E312F

Harmonies

Analogous

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



222E00



023113



003327

Triad

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



023113



002C51



4C1818

Complementary

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



023113



310220

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.



4C162C



023113



26254D

Square

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



023113



00314B



401C3F



442003

Rectangle

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



023113



003335



401C3F



4D161E

Sweetspot

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



023113



2D4034



213102



16211A



A1A1A1



212121

Same Dimension

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



023113



004017



02312A



171A18



005920



00D94E

Inverse Universe

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



310220



400029



310209



1A1719



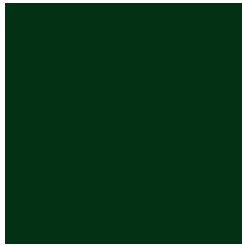
590039



D9008A

Previews

White Background



This preview shows how the Hex color 023113 looks on a white background.

Color Contrast Check

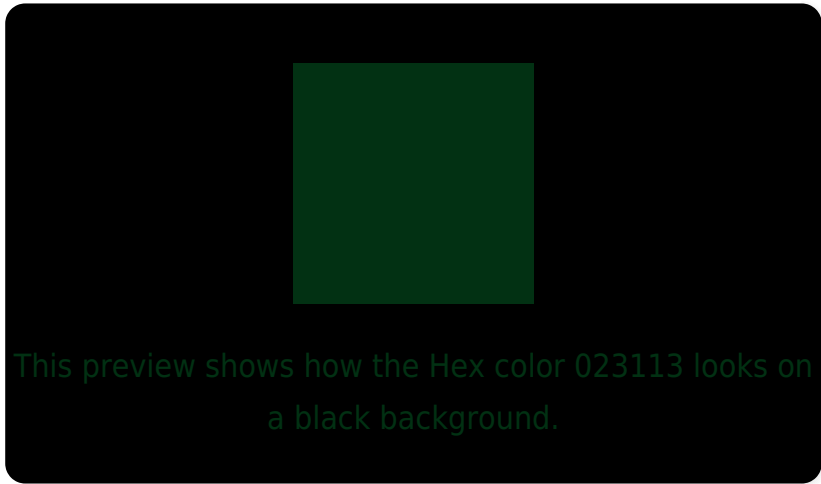
Large Text (above 18pt) WCAG AA ✓ Pass

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

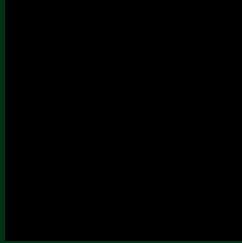
Any Text WCAG AA × Fail

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 023113 Background



This preview shows how black text looks on a background with the Hex color 023113.



This preview shows how white text looks on a background with the Hex color 023113.

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
023113

Protanopia
2F2A11

Deuteranopia
342816



Tritanopia
142E32

Trichromacy



Original Color
023113

Protanomaly
1F2D12

Deuteranomaly
222B15

Tritanomaly
0D2F27

Monochromacy



Original Color
023113

Achromatopsia
202020

Achromatomaly
15261B

CSS Examples

Text

The CSS property to change the color of the text to Hex 023113 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 #023113 looks like.

```
.text, #text, p{  
    color:#023113  
}
```

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 #023113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #023113
}
```

Border

The CSS property to change the border of an element to Hex 023113 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".

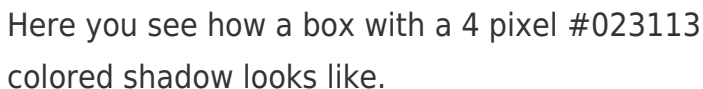
```
.border, #border, table{ border:4px solid
#023113 }
```

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

```
.border{ border-color:#023113 }
```

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

Here you see how a box with a 4 pixel #023113 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #023113; -webkit-box-shadow:4px 4px  
4px 4px #023113; box-shadow:4px 4px 4px  
4px #023113 }
```

Background

The CSS property to change the background color of an element to Hex 023113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#023113 }
```

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

```
.background{ background-color:#023113 }
```

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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