

Converting Colors

Hex(003A13)

Have a look what the booklet for
Hex(003A13) contains.

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Color

Hex(003A13)

Conversions

Conversions Part 1

Format	Color
Hex	003A13
RGB	0, 58, 19
RGB Percent	0%, 23%, 7%
CMY	1.0000, 0.7725, 0.9255
CMYK	1.00, 0.00, 0.67, 0.77
HSL	140°, 100%, 11%
HSV	140°, 100%, 23%
XYZ	1.6306, 3.0731, 1.1233
YIQ	36.2120, -22.0490, -24.4250

Conversions

Conversions Part 2

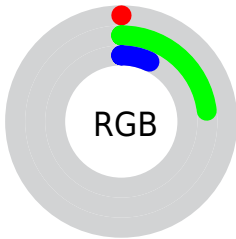
Format	Color
R_{YB}	0, 44, 58
Decimal	14867
CIE _{Lab}	20.33, -27.66, 19.11
CIE _{LCh}	20, 33.616, 145.363
Yxy	3.0731, 0.2798, 0.5274
Android (android.graphics.Color)	4278204947 (0xFF003A13)
YUV	36.2120, -8.4855, -31.7579
Hunter-Lab	17.5303, -14.0748, 8.4720

Details

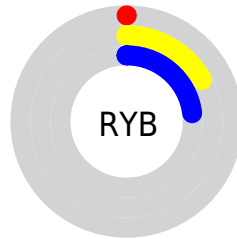
The Hex color **003A13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0027**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **366A3F**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **003A13**, and if you desaturate by 10%, it is **063A17**.

Distribution



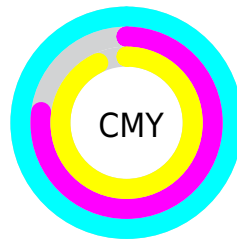
- Red (0%)
- Green (23%)
- Blue (7%)



- Red (0%)
- Yellow (17%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A13 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 003A13 by changing the saturation by 10% instead.

 003A13

 003A13

 F2FFF6

 002400

 366A3F

 000200

 4F8356

 000000

 689E6F

 83B988

 9DD5A3

 B9F1BE

 D5FFDA

 003A13

■ 063A17

■ 0C3A1B

■ 113A1F

■ 173A23

■ 1D3A27

■ 233A2A

■ 293A2E

■ 2E3A32

■ 343A36

Harmonies

Analogous

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



293600



003A13



003C2C

Triad

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



003A13



003562



5C1A1E

Complementary

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



003A13



3A0027

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.



5A1736



003A13



282C5E

Square

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



003A13



003A59



4B204D



522405

Rectangle

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



003A13



003C3D



4B204D



5D1725

Sweetspot

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



003A13



364D3D



283A00



18261D



A6A6A6



262626

Same Dimension

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



003A13



004D19



003A2F



191C1A



005C1E



00DB48

Inverse Universe

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



3A0027



4D0033



3A000B



1C191B



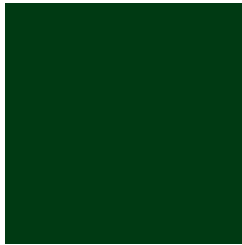
5C003E



DB0093

Previews

White Background



This preview shows how the Hex color 003A13 looks on a white background.

Color Contrast Check

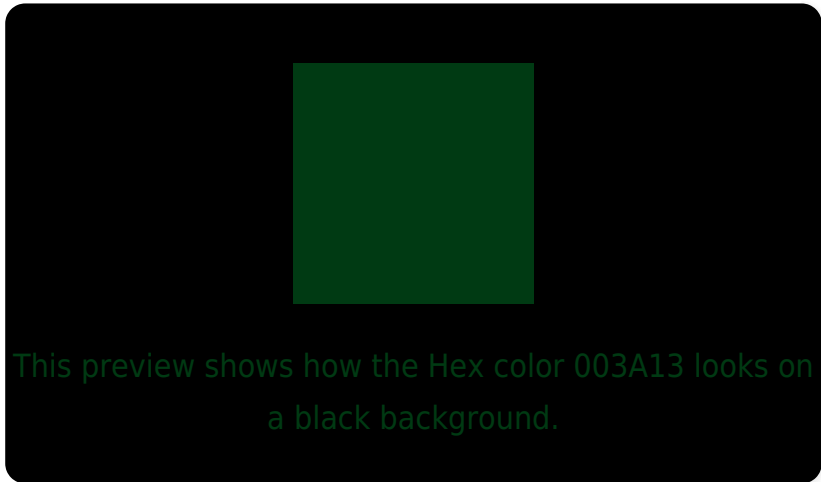
Large Text (above 18pt) WCAG AA ✓ Pass

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

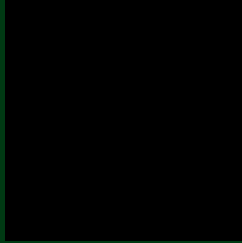
Any Text WCAG AA × Fail

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 003A13 Background



This preview shows how black text looks on a background with the Hex color 003A13.



This preview shows how white text looks on a background with the Hex color 003A13.

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
003A13

Protanopia
383211

Deuteranopia
3E2F17



Tritanopia
18363B

Trichromacy



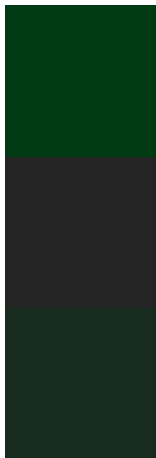
Original Color
003A13

Protanomaly
243512

Deuteranomaly
273316

Tritanomaly
0F372C

Monochromacy



Original Color
003A13

Achromatopsia
242424

Achromatomaly
172C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A13 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 #003A13 looks like.

```
.text, #text, p{  
    color:#003A13  
}
```

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 #003A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A13  
}
```

Border

The CSS property to change the border of an element to Hex 003A13 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  
#003A13 }
```

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

```
.border{ border-color:#003A13 }
```

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

Here you see how a box with a 4 pixel #003A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A13; -webkit-box-shadow:4px 4px  
4px 4px #003A13; box-shadow:4px 4px 4px  
4px #003A13 }
```

Background

The CSS property to change the background color of an element to Hex 003A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A13 }
```

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

```
.background{ background-color:#003A13 }
```

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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