

Converting Colors

Hex(003A18)

Have a look what the booklet for
Hex(003A18) contains.

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Color

Hex(003A18)

Conversions

Conversions Part 1

Format	Color
Hex	003A18
RGB	0, 58, 24
RGB Percent	0%, 23%, 9%
CMY	1.0000, 0.7725, 0.9059
CMYK	1.00, 0.00, 0.59, 0.77
HSL	145°, 100%, 11%
HSV	145°, 100%, 23%
XYZ	1.6779, 3.0921, 1.3725
YIQ	36.7820, -23.6540, -22.8700

Conversions

Conversions Part 2

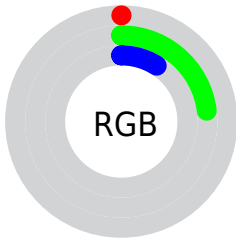
Format	Color
RYB	0, 41, 58
Decimal	14872
CIELab	20.41, -26.74, 16.23
CIELCh	20, 31.282, 148.751
Yxy	3.0921, 0.2732, 0.5034
Android (android.graphics.Color)	4278204952 (0xFF003A18)
YUV	36.7820, -6.3015, -32.2578
Hunter-Lab	17.5843, -13.7396, 7.6811

Details

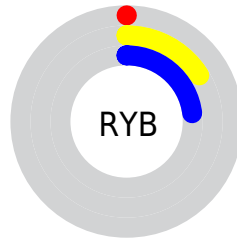
The Hex color **003A18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A0022**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **366A44**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **003A18**, and if you desaturate by 10%, it is **063A1B**.

Distribution



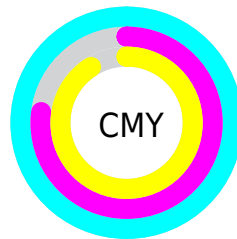
- Red (0%)
- Green (23%)
- Blue (9%)



- Red (0%)
- Yellow (16%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A18 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 003A18 by changing the saturation by 10% instead.

 003A18

 003A18

 F1FFFC

 002400

 366A44

 000300

 4F835B

 000000

 689E74

 82B98E

 9DD5A8

 B8F1C4

 D4FFE0

 003A18

■ 063A1B

■ 0C3A1F

■ 113A22

■ 173A26

■ 1D3A29

■ 233A2C

■ 293A30

■ 2E3A33

■ 343A37

Harmonies

Analogous

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



273602



003A18



003C2F

Triad

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



003A18



00345F



591D1D

Complementary

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



003A18



3A0022

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.



591A33



003A18



2F2C5A

Square

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



003A18



003958



4C2149



4F2707

Rectangle

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



003A18



003C3F



4C2149



5A1B24

Sweetspot

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



003A18



364D3F



233A00



18261E



A6A6A6



262626

Same Dimension

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



003A18



004D20



003A34



191C1A



005C26



00DB5B

Inverse Universe

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



3A0022



4D002D



3A0006



1C191B



5C0036



DB0081

Previews

White Background



This preview shows how the Hex color 003A18 looks on a white background.

Color Contrast Check

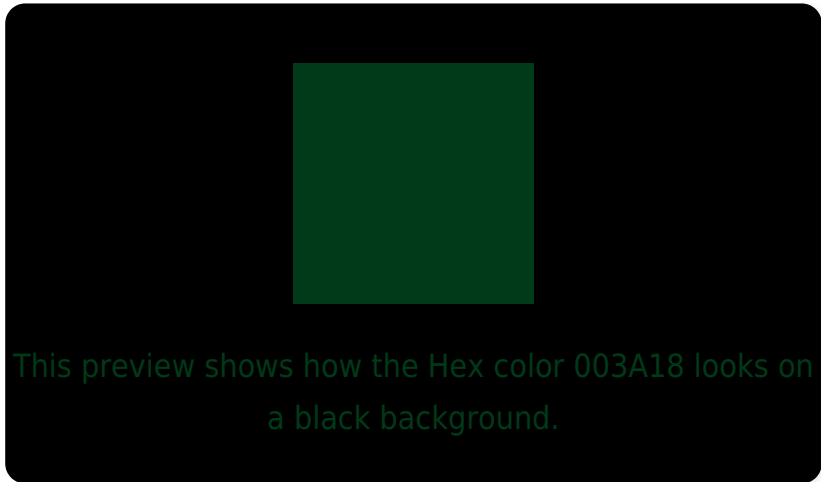
Large Text (above 18pt) WCAG AA ✓ Pass

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 003A18 Background



This preview shows how black text looks on a background with the Hex color 003A18.



This preview shows how white text looks on a background with the Hex color 003A18.

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](#).

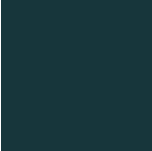
Dichromacy



Original Color
003A18

Protanopia
373216

Deuteranopia
3D301B



Tritanopia
17363B

Trichromacy



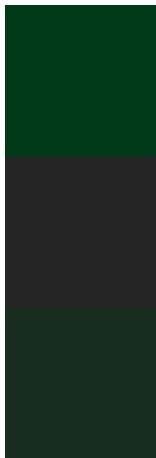
Original Color
003A18

Protanomaly
233517

Deuteranomaly
27341A

Tritanomaly
0F372E

Monochromacy



Original Color
003A18

Achromatopsia
252525

Achromatomaly
182D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A18 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 #003A18 looks like.

```
.text, #text, p{  
    color:#003A18  
}
```

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 #003A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A18
}
```

Border

The CSS property to change the border of an element to Hex 003A18 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
#003A18 }
```

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

```
.border{ border-color:#003A18 }
```

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

Here you see how a box with a 4 pixel #003A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A18; -webkit-box-shadow:4px 4px  
4px 4px #003A18; box-shadow:4px 4px 4px  
4px #003A18 }
```

Background

The CSS property to change the background color of an element to Hex 003A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A18 }
```

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

```
.background{ background-color:#003A18 }
```

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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